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McGRAW ELECTRIC RAILWAY DIRECTORY

August, 1920

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Published Semi-Annually

McGraw-Hill Company, Inc.
Fifth Avenue at 26th Street
New York

COMPLETE SERVICE TO THE ELECTRIC RAILWAY INDUSTRY

The McGraw Electric Railway Directory is compiled by the Directory Department of the Electric Railway Journal, one of the McGraw-Hill publications.

Electric Railway Journal has been for more than thirty-six years an integral part of the electric railway industry, the leaders of which it has continuously inspired informed and guided.

Its readers are the executives and their principal assistants who direct the purchases of the millions of dollars which the entire industry annually spends for equipment, materials and supplies.

Electric Railway Journal readers control practically all important decisions on the roads which own 98% of all cars and 99% of all existing electrified mileage.

The advertising pages of the Electric Railway Journal include regularly the sales messages of the manufacturers who get the bulk of the electric railway orders in their respective lines.

Published weekly—Subscription $4.00 *a year.*

McGraw Electric Railway Directory

August, 1920

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Directory of

Electric Railway Companies

in United States, Canada and Mexico

[AUGUST, 1920]

THE INFORMATION *contained in this Directory has been corrected up to July*, 1920.

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Electric Railway Companies.

KEY TO ABBREVIATIONS AND SIGNS.

Population is given directly after the names of cities or towns, and, unless otherwise specified, is from 1910 Census.

The (★) indicates a report that differs in some respect from the report of the same company in the previous issue of the Directory; and the figures directly following the (★) indicate the latest date of information by month and year. Thus 60 would indicate a report received in June, 1920.

The (§) indicates a company not previously reported in the Directory.

The (*) in the Alphabetical Index to companies indicates:

1. Companies whose property is controlled or operated by another company, and which are not reported separately in this directory.

2. Companies whose identity has been lost through merger, consolidation, or reorganization.

The mileage shown is the number of miles of single track; *i. e.*, if a road is 15 miles long and double track the entire length, it is reckoned as 30 miles of single track.

Act.....Acting
Adjr.....Adjuster
a.c.....alternating current
Allis-C..Allis Chalmers Co.
Am.....American Engine
A & R...Abendroth & Root
A & T...Aultman & Taylor
Asst.....Assistant
Atlas or Lyons-Atlas..Lyons Atlas Co.

b.....boiler
Bab. & W.....Babcock & Wilcox
Ball.....Ball Engine Co.
Brmghm.....Birmingham
Bckye.....Buckeye
Big.....Bigelow
Brnl.....Brownell
Bull.....Bullock
B.&M.Bellis&Morcom.Ltd.
B. & W.....Ball & Wood

C. & C.....C. & C. Elec.
Ch.....Chief
Chm.....Chairman
Chatt...Chattanooga Boiler Works
Com.....Commercial
Comm.....Committee
Com. Mgr.....Commercial Manager
conv.....Converter
Cor.....Corliss
Ca-R.....Cahill-Roberts
Cpr.....C. & G. Cooper
C.G.E...Canadian Gen.Elec.
C.-W.....Crocker-Wheeler
C. & H.....Casey & Hedges
Cungh.....Cunningham
cys.....cycles

d.c.....direct current
Det.....Detroit
D. & C.....Dick & Church
distrbn.....distribution

e.....engine
Edge.....Edge Moor
Elec.....Electric
Elecn.....Electrician
Engr.....Engineer
Erie City.....Erie City Iron Works
exc.....Exciter

Fishkl.....Fishkill
Fitch.....Fitchburg
F. M. & Co.....Fairbanks Morse & Co.
Frank.....Franklin
Frmn.....Freeman
Ft. W.....Ft. Wayne
F. & C..Fraser & Chalmers
F. & S.....Filer & Stowell

G. E.....General Electric
gen.....generators
G. & McC.....Goldie & McCullough
Greenw.....Greenwald

Habkn...Haberkon Engine
Ham.....Hamilton
H. & T.....Hardie & Tynes
Har.....Harrison
Ha-el.....Haseltine
Haz.....Hazelton
H. B. & M.....Harrisburg Boiler & Mfg.
H. F. & M.....Harrisburg Foundry & Mche
Herc.....Hercules
Hol.....Holyoke
H. O. & R..Hooven, Owens & Rentschler
hp.....horse-power
Ht.....Heat
H. S. & G...Houston, Stanwood & Gamble
H. & P....Hewes & Phillips

Kendall..Kendall Boiler Co.
Kew....Kewanee Boiler Co.
K. & K..Knowlson & Kelley
Kva.....kilovolt ampere
kw.....kilowatt

L. E.....Lake Erie
L. & B.....Lane & Bodley
Leb.....Lebanon
Lef.....Leffel
Lt.....Light
Ltg.....Lighting
Lomb.....Lombard

Man.....Manning
Mgr.....Manager
McC.....McCormick
McE.....McEwen
McI. & S.....McIntosh & Seymour
Mil.....Milwaukee
Minpl.....Minneapolis
M. M.....Master Mechanic
mo.....motor
m. t.....main track
Mur....Murray Iron Works
Musk.....Muskegon

Natl.....National
N. B.....New Britain
N. H.....New Haven
Nord.....Nordberg
Northn.....Northern Elec. Mfg. Co.

O'Br.....O'Brien
ovhd.....overhead

Pres.....President
Pur. Agt..Purchasing Agent
Penn.....Pennsylvania
ph.....phase
P.-H.....Porter Hamilton
Pier.....Pierpont
Prov.....Providence
Pwr. & M. M. Co...Power & Mining Machy. Co.
Pwr. or Pr.....Power

Quak. City.....Quaker City

Recvr.....Receiver
Rel.....Reliance
Ridg.....Ridgway
Risd.....Risdon
Robb-M....Robb-Mumford
Roch.....Rochester
rot.....rotary
Rus.....Russell
R. & S.....Rice & Sargent

Sec.....Secretary
S. C.....Sioux City
Schof.....Schofeld
Schuy.....Schuyler
S. F. & M.....Southwark Foundry & Mche.
Skinr.....Skinner
Smith..S. Morgan Smith Co.
Snow....Snow Steam Pump Works
Stewart...Stewart Boiler Co.
sid.....sidings
s. ph.....single phase
Spgf.....Springfield
Supt.....Superintendent
Std.....Standard
Stew.....Stewart
Stir.....Stirling
St. L.....St. Louis
S. Line.....Straight Line
stm. turb...steam turbine
Sturt.....Sturtevant
sub. sta.....sub. station
S. & H....Siemens & Halske
S.-W.....Struthers-Wells

transf.....Transformer
trans.....Transmission
Treas.....Treasurer
T.-H.....Thomson-Houston
T.&R.....Taylor & Riley
Tri.....Triumph Elec. Co.
T. C.....Twin City
tot.....total
turb.....turbine

U. E. I.....United Electric Improvement Co.

V. Pres.....Vice-President
Vil.....Vilter

W.&R..Willans&Robinson
W. & W...Walsh & Widener
W. & A...Wright & Adams
Watertn.....Watertown
Wis.....Wisconsin
W.-C.....Watts-Campbell
W. E.....Western Electric
West. or Westg....Westinghouse
Weth.....Wetherill
Whlk.....Wheelock
Wks.....Works
Wms.....Williams
Wtr.....Water
wtr. turb.....water turbine

UNITED STATES.

ALABAMA.

ALABAMA CITY. 4,313.

(See No. 6.)

ALBANY. 6,165.

1—North Alabama Traction Co.—Office, Second Ave. (Connects Decatur and Albany.)
Pres. Jno. B. Weakly.....Birmingham
Supt. & Pur. Agt.
W. R. Speer.....Albany
Energy purchased from Alabama Pwr. Co.
Repair shops at 2nd Ave. & Jackson St.
7.63 miles; 4-8½ g; 9 motor and 6 other cars. ★50

ANNISTON. 14,112 (1916)

(See also No. 2 a.)

1a—Alabama Power Co. (Anniston Div.)—Local office, 930 Noble St. (Connects Anniston, Oxanna, Oxford and Hobson City. For executive officers, see Birmingham.
Mgr. of Eastern Div.
J. M. Barry.....Anniston
Supt. J. T. Jackson..... "
M. M., J. H. Bowles..... "
Energy from company's trans. sys; trans. volt. 4,000 v; trolley volt. 600 v.
1 sub-sta. cap. 550 kw; 2 mo. gen. sets.
Repair shops at 6th St. & Wilmer Ave.
Reaches Oxford Lake Park and Hobson City Park (owned).
9.5 miles; 4-8½g; 19 motor pass., 5 trail pass., 1 fgt. motor and 7 service cars. (Company does general lighting and power business.) ★60

BESSEMER. 16,556 (1916)

(See No. 4.)

BIRMINGHAM. 181,762 (1916)

See also Nos. 1, 1a, 6, 8 and 710.)

2a—Alabama Power Co.—Executive offices, Brown-Marx Bldg. (Purchased Alabama City, Gadsden & Attalla Ry. Co.) (Controlled by Alabama Trac., Lt. & Pwr. Co., Ltd.) (Operates Anniston, Gadsden and Huntsville Divisions.)
Pres Thos. W. Martin.....Birmingham
1st V. Pres. & Gen. Mgr.
W. M. Walmsley..... "
2nd V. Pres. & Treas.
R. A. Mitchell..... "
Sec. Lamar Aldridge..... "
Audr. Nathan Wood..... "
Pur. Agt. Chas. Doerr..... "
Cl. Agt. W. R. Loyd..... "
Com'l. Mgr. F. D. Mahoney "
Ch. Engr. O. G. Thurlow.... "
Elec. Engr. J. A. Sirnit..... "
★60

2b—Birmingham & Edgewood Elec. Ry. Co.—(Controlled by the Birmingham Ry., Lt. & Pwr. Co.) (Connects Birmingham, Rosedale, Oak Grove and Edgewood.)
Pres. J. S. Pevear
2100—1st Ave., Birmingham
Sec. J. P. Ross " "
Treas. N. H. Hawkins " "
Energy purchased and cars leased from Birmingham Ry., Lt. & Pwr. Co.
4.5 miles; 4-8½ g. 60

3—Birmingham-Tidewater Ry. Co. Receiver appointed Jan. 28, 1919.—Office, 2100 1st Ave. (Successor to Birmingham, Ensley & Bessemer R.R.) (Connects East Lake, Woodlawn, Avondale, Birmingham, Graymont, Pratt City and Ensley, new within the corporate limits of the City of Birmingham; also Fairfield.) (Controlled, through ownership of capital stock, by Birmingham Ry., Lt. & Pwr. Co.)
Receiver, Lee C. Bradley,
2100 Jefferson County Bk. Bldg., Birmingham
Pres. & Gen. Mgr.
J. S. Pevear..... "
Sec. & Treas. J. P. Ross.... "
Audr. R. O. Launey..... "
Claim Agt. H. H. Barnard.. "
M. M., A. Taurman..... "
Energy purchased from the Birmingham Ry. Lt. & Pwr. Co.; trans. volt 13,000 v; trolley volt. 575 v.
Repair shops at 4th Ave. and 11th St.
Reaches East Lake, Avondale, Fairfield and West Parks.
32.8 miles; 4-8½ g; 27 motor and 28 other cars. ★60

4—Birmingham Ry., Lt. & Pwr. Co. Receiver appointed Jan. 28, 1919.—Office, 2100 1st Ave. (Connects Brighton, Bessemer, Lipscomb, Inglenook and Irondale.) (Controls Birmingham & Edgewood Elec. Ry. Co. and Birmingham-Tidewater Ry. Co. and is in turn controlled by the American Cities Co.)
Receiver, Lee C. Bradley,
2100 Jefferson County Bk. Bldg. Birmingham
Pres. & Gen. Mgr. J. S. Pevear.. "
Ass't. Gen. Mgr.
Fred V. Underwood..... "
Sec.-Treas. J. P. Ross..... "
Audr. R. O. Launey..... "
Supts. { Elect., B. Jordan.... "
Equip., A. Taurman. "
4th Ave. & 11th St... "
Gas, B. H. Elliott.... "
Lines, A. G. Morton.. "
Rwy. & Fgt. Traf. Mgr.
T. G. Brabston
1080½ 4th Ave. W..... "
Ass't. Traf. Mgr.
(Mrs) C. L. Stevens..... "
Pur. Agt.
Miss Zennie Tomlinson.. "
Claim Agt. H. H. Barnard... "
Chief Engr. L. L. Newman "
Ass't. Ch. Engr. H. E Cox "
Roadmaster, H. J. Kribs.... "
Power sta. equip. 3 d. c. G. E. tot. 3800 kw; 5 a.c. G.E. Allis C. tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 10,200 hp. e. Birmghm. Allis-C., G. E; 17,450 hp. b. Bab. & W; 11,000 kw. (stm.) turb. G. E. Allis-C; trans. volt. 13,000 v; trolley volt. 575 v. Energy also purchased from Alabama Pwr. Co.
Power sta. at 19th St. & Powell Ave.; repair shops at 4th Ave. & 11th St.
Reaches East Lake Park.
153.65 miles; 4-8½ g; 208 motor and 154 other cars. (Sells energy to Birmingham-Tidewater Ry. Co.) ★60

CLOVERDALE. 173 (1914).

(See No. 11.)

DECATUR. (4,228)

(See No. 1.)

EDGEWOOD.

(See No. 2.)

ENSLEY. 7,000.

(See No. 3.)

FAIRHOPE. 800.

5—Peoples Railroad Co.
1.5 miles; 2 gasoline cars and 1 trail car. (Electrification contemplated in future.) 198

FLORENCE. 6,889.

(See No. 14.)

GADSDEN. 14,642 (1916).

(See also No. 2a.)

6 — Alabama Power Co. (Gadsden Division) (Purchased Alabama City, Gadsden & Attalla Ry. Co. — Local office, Gadsden. (Connects Gadsden, Alabama City and Attalla.) For executive officers, see Birmingham.
Local Mgr. E. W. Ashmead.....Gadsden
Supt. M. D. Payne..... "
Energy from company's trans. sys; trans. volt. 4,000 v; trolley volt. 600 v.
1 sub. sta. cap. 700 kw; 2 rot. conv.
Sub-sta. and repair shops at Gadsden.
11.5 miles owned (11 mi. m. t.: 0.5 mi. sid.) Total miles operated 11; 4-8½ g; 10 motor pass., 2 motor freight and 2 trail freight cars. Company does general lighting and power business.
★60

7—Gadsden, Bellevue & Lookout Mountain Ry. — Office, Gadsden. (Connects Gadsden and Noccalula Falls.)
Pres. U. J. Virgin,
838 Canal St., New Orleans, La.
1st V. Pres., Gen. Mgr. & Pur. Agt.
Louis Hart.....Gadsden
2d V. Pres. T. J. Simpson.....Rome, Ga.
Sec. & Treas. A. R. Brindley.....Gadsden
Audr. A. Greet..... "
Elec. Engr. & M. M.
A. A. Goddard..... "
Energy purchased from Alabama Power Co.
Repair shops at Noccalula Falls, Gadsden.
Reaches Noccalula Falls Park.
3.1 miles; 4-8½ g; 3 motor pass. cars.
★50

HUNTSVILLE. 7,611.

(See also No. 2a.)

8—Alabama Pwr. Co. (Huntsville Divison.) — Local office, Huntsville. For executive officers, see Birmingham.
Div. Mgr. W. M. Stanley.....Huntsville
Supt. J. S. McLure..... "
M. M., R. V. McLure..... "
Ch. Engr. Pwr. Sta. A. W. Hog "
Energy from company's trans. sys; also power sta. equip. 1 d. c. G. E. 250 kw; 2 a. c. G. E., Westg. tot. 350 kw. 2300 v. 3 ph. 60 cys; 550 hp. e. R. & S. and Ball; 1000 hp. b. B. & W. 1000 kw Westg. turb. 4 sub-sta. auto. con. to c. 1050 kw; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shops at West Clinton St.
6.1 miles; 4-8½ g; ovhd; 6 motor cars. Company does general lighting and power business.
★60

MOBILE. 58,221 (1916).

9—Mobile Light & R. R. Co.—Office, 158 Government St., Mobile. (Connects Mobile, Whistler, Plateau, Magazine Point, Springhill and Crichton; also operates line to the Chickasaw Shipbuilding plant.)
Pres. J. Howard Wilson.....Mobile
V. Pres. S. A. Wilson..... "
Ass't. to Pres. D. J. McGrath..... "
Sec. & Audr. F. B. Clements..... "
Treas. C.T.N.White-Spunner..... "
Supt., W. C. Stockman ..... "
Claim Agt. C. H. Fisher..... "
Pur. Agt. F. H. Peters..... "
Ch. Engr. Pwr. Sta., B. V. Varnado "
M. M., S. M. Coffin..... "
Roadmaster, B. J. Schram..... "
Power sta. equip. 3 d. c. G. E., Westg., S. & H. tot. 2350 kw; 3525 hp. e. Allis-C. Fulton. Ham: 1480 hp. b. Stir. Bab. & W; trolley volt. 550 v.
Power station at Royal and Monroe Sts.; repair shops at Monroe Park.
Owness Monroe Park (white) and reach Dixie Park (colored).
61.5 miles; 4-8½ g; 76 motor pass., 24 trail pass. and 18 service cars.
★60

10—Mobile & Pensacola Ry. & Navigation Co. — Office, Lillian. (Successor to Mobile, Volanta & Pensacola R. R. Co.) (Will connect Mobile to Volanta, E. Fairhope, Gabel, Barclay, Holland, Marlow, Summerdale, Ader, Elberta, and Lillian, Ala., and Pensacola, Fla., a distance of 44 miles.)
Pres., Charles Barclay .....Lillian
V. Pres. & Gen. Mgr. M. H. Miller. Sea Cliff
Treas. W. D. Stapleton .....Bay Minette
Repair shops at Volanta.
Reaches park in Volanta.
2 miles in operation from Volanta, east. 4-8½ g; 1 gas elec. car and 2 other cars.
118

MONTGOMERY. 43,285 (1916).

11—Montgomery Light & Traction Co.—Office, 3 Court Square., Montgomery. (Connects Montgomery, Capitol Heights, Cloverdale and Pickett Springs.)
Receiver Ray Rushton.....Montgomery
Treas. & Ch. Acct.
Chas. E. Norton..... "
Gen. Mgr. G. C. Estill..... "
Coml. Mgr. J. B. Champion "
Supt. Ry. Dept. W. M. Perdue "
Supt. Lines & Meters
A. S. Coleman..... "
Ch. Engr. Pwr. Sta.
J. M. Chumley..... "
M. M. A. P. Reynolds..... "
Power sta. equip. 2 a. c. stm. turbo-gen. West. tot. 5000 kva. 2300 v. 2 ph. 60 cys; 3200 hp. b. Stir; trans. volt 2300 v; trolley volt 610 v.
1 sub. sta: cap. 2100 kw; 5 rot. conv.
Power sta. at Limestone & Eva sts; repair shops at Madison Ave.
Reaches Pickett Springs Park (leased) and Washington Park (colored), (owned.)
38 miles; 4-8½ g; 64 motor pass. and 4 other cars. (Company does general lighting and power business.)
★50

OXFORD. 1,090.

(See No. 1a.)

PHOENIX. 4,555.

(See No. 139.)

SELMA. 15,626 (1916).

13 — Selma Elec. Railway Co., (Formerly Selma Traction Co.)
Pres. D. L. Gerould.....Warren, Pa.
Treas. & Mng. Dir. Hugh Mallory. Selma
Supt. & Pur. Agt. W. E. Nees..... "
Energy purchased from Alabama Power Co.; trolley volt. 550 v.
Repair shops at 1518 No. Broad St.
Reaches Elkdale Park and Munic. swimming pool.
7 miles: 4-8½ g: 9 motor pass., 10 trail pass. and 2 service cars; 1 elec. loco.
★50

SHEFFIELD. 4,865.

14—The Sheffield Co.—Office, Sheffield (Connects Sheffield, Florence and Tuscumbia.)
Pres. Henry Parsons,
101 Park Ave., New York, N. Y.
Pur. Agt. W. S. Hatch.....Sheffield
Sec. & Treas. Joseph Parsons, "
101 Park Ave., New York, N. Y.
Audr. G. W. Terry .....Sheffield
Gen. Mgr. J. F. Gammon..... "
Supt. J. W. Robertson..... "
Supt. Water Dept. O. F. Swain... "
Claim Agent. W. R. Hale .....Sheffield
Elec. Engr. H. H. Burt..... "
Engr. Pwr. Sta. E. N. McClain.. "
M. M., F. L. Hinman..... "
Roadmaster, P. S. Milner..... "

Power sta. equip. 1 d. c. West. 325 kw; 3 a. c. West, 1 Allis-C. tot. 1950 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Brown, Wisconsin Eng. Co; 2400 hp. b. Wickes, Edge; 1950 kw. turb. (stm.) West, Allis-C; trans. 2300- volt· 6600 v. trolley volt. 600 v.

1 sub-sta. (auto. control) cap. 500 kw; 2 rot. conv., 1 mo. gen. set. (400 kw. syn. mo., 300 kw. 600 v. gen.)

Power sta. and repair shops at Sheffield. Owns and reaches two parks.

12.2 miles; 4-8½ g: 16 motor and 9 other cars. (Company furnishes energy for power and lighting.) 69

TUSCALOOSA. 10,488 (1916)

15—Tuscaloosa Ry. & Utilities Co.—Office, 2213 Broad St. (Successor to Birmingham-Tuscaloosa Ry. & Utilities Co.) (Purchased Tuscaloosa Ice & Lt. Co.) (Connects Tuscaloosa and Holt.)

Pres. J. H. Morris.....Philadelphia, Pa.
V. Pres., Gen. Mgr. & Pur. Agt.
I. W. Ross.....Tuscaloosa
Sec. & Treas.
F. A. Courtney.....Philadelphia, Pa.
Audr. J. S. Billings.....Tuscaloosa
Supt. Ry. & M. M.,
C. J. Erickson..... "
Supt. Lt. & Pwr. E. C. Beatty. "
Supt. Gas Dept.
M. L. Thompson..... "
Ch. Engr. Pwr. Sta.
P. J. Jiminez..... "

Energy purchased from Alabama Pwr. Co. Power sta. used as stand-by: 1 d. c. West. 350 kw; 600 v; 1 rot. conv. 500 kw; 3 a.c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; 300 hp. e. Cor; 1000 hp. b. W. & W. 500 kw. turb. (stm.) G. E; trolley volt. 600 v.

Power sta. and repair shops at Tuscaloosa.

Reaches Riverview Park (owned).

15 miles; 4-8½ g; 5 motor and 17 other cars. (Co. does general lighting and power business.) 19†

VOLANTA.

(See No. 10.)

WHISTLER. 3,432.

(See No. 9.)

ALASKA.

THANE.

16—Thane Perseverance Railway (Formerly Alaska Gastinea Mining Co.)—Office, Thane. (Operates 1 passenger train daily between Thane and Perseverance; road used chiefly for ore haulage.)

Gen. Mgr. G. T. Jackson.....Juneau
Pur. Agt. Leonard Guy.....Thane
Supt. of Transp. Wm. G. Carlberg. "
M. M., L. M. Stevenson..... "
Ch. Engr. W. A. Tolch..... "
Engr. Ovhd. Constr. W. A. Fleek.. "

Power sta. on Salmon Creek; trolley volt. 500 v.

1 sub. sta. cap. 600 kw; 2-300 kw. rot. conv. 60 cys. 600 v. d. c.

Repair shops at Thane.

5.25 miles: 3 g; 3 18-ton Baldwin West. locos. and 2 6-ton G. E. locos; 2 trail pass. and 110 other cars. 60

ARIZONA.

BISBEE. 9,019.

(See No. 20.)

DOUGLAS. 8,000 (1914).

17—Douglas Traction & Lt. Co.—Office, Douglas.

Pres. J. S. Douglas.....Douglas
V. Pres. Wm. Adamson..... "
Sec. S. P. Applewhite..... "
Treas. E. R. Pirtle..... "
Gen. Mgr. & Pur. Agt.
R. G. Arthur..... "

Power sta. equip. 3 a. c. G. E., Bull. tot. 975 kva. 2300 v. 2 ph. 60 cys. 500 hp. e. Allis-C; 300 hp. b. Bab. & W.; 928 hp. gas. e. Diesel; 1 rot. conv. 200 kw.; trans. volt. 2300 v.; trolley volt. 550 v. (Emergency energy purchased from Phelps. Dodge Corpn., Douglas, a. c. 2300 v. 3 ph. 60 cys. re-converted to 2 ph. d. c; also d. c. 440 v.)

Repair shops at Douglas.

Reaches Douglas Park (owned).

10 miles; 4-8½ g; 6 motor and 1 trail car. (Operates pwr. sta. for elec. ltg. service.) 50

PHOENIX. 18,921 (1916)

18—Phoenix Ry. Co. of Arizona.—Office, 1310 E. Washington St. (Connects Phoenix and Glendale.)

Pres. M. H. Sherman
Consolidated Realty Bldg.
Los Angeles, Cal.
1st V. Pres.
Harry Chandler..... " "
2nd V. Pres.
Ralph Chandler..... " "
Sec. A. I. Smith " "
Treas. C. Carity..... " "
Gen. Mgr. & Pur. Agt.
Samuel Mitchell.....Phoenix
Cl. Agt. C. E. Newcomer..... "
M. M. Antonio Salcido..... "
Engr. Maint. of Way,
C. E. Parsons..... "

Energy purchased from Pacific Gas & Electric Co.; trolley volt. 550 v.

Repair shops at 1310 E. Washington St., Phoenix.

Reaches East Lake Park.

32.5 miles; 4-8½ g; 29 motor pass and 1 work car. ★50

TUCSON. 16,756 (1916)

19—Tucson Rapid Transit Co.
Office, Tucson. (Controlled by Federal Lt. & Trac. Co., New York, N. Y.)

Pres. E. N. Sanderson..
60 Broadway, New York, N.Y.
V. Pres. & Treas.
J. Dunhill..... " " "
Sec. E.K.H.D'Aeth" " "
Mgr. Frank E. Russell.....Tucson
Gen. Supt. & Ch. Engr., C. H. Nichols,
60 Broadway, New York, N.Y.

Energy purchased from Tucson Gas & Elec. Lt. & Pwr. Co; 2 d. c. West. tot. 500 kw.; trolley volt. 550 v.

Repair shops at Tucson.

5 miles; 4-8½ g; 9 motor pass cars. ★60

WARREN. 624.

20—Warren Company, (Operating Warren-Bisbee Ry.—Office, Warren. (Connects Warren, Bakerville, Lowell, Johnson Addition and Bisbee.)

Pres. & Gen. Mgr. G. H. Dowell..Warren
V. Pres. C. I. Knapp..... "
Sec. J. E. Curry..... "
Treas. & Audr.
H. B. Baull.....New York, N. Y.
Supt. J. G. Cowen.....Warren
Claim Agt. M. E. Cassidy.....Bisbee
Pur. Agt. John B. Rawlings.....Warren
Ch. Engr. D. M. Rait..... "
M. M. W. E. McKee.....Bisbee

Energy purchased from Calumet & Arizona Mining Co., trans. volt. 2300 v.; trolley volt. 550 v.

Reaches and owns Vista Park and Ball Park in Warren.

6.7 miles; 4-8½ g; 8 pass. and 1 work car. Company does lighting and power business. ★10†

ARKANSAS.

ARGENTA. 14,987 (1910)

21—Intercity Terminal Ry.—Office, 724 Main St. (Operates in Argenta and runs auto busses over bridge connecting Little Rock and Argenta.)
Pres. C. C. Kavanaugh
221 Southern Tr. Bldg., Little Rock
Sec. & Treas. F. J. Schmutz..Little Rock
Gen. Mgr., Cl. Agt. &
Pur. Agt. P. C. Warren.....Argenta
Energy purchased from Little Rock Ry. & Elec. Co.; trolley volt. 550 v.
Repair shops at Argenta.
5 miles; 4-8½ g; 5 motor and 4 other cars (29-passenger auto busses). 116

EUREKA SPRINGS. 3,288.

23—Eureka Traction Co.—Office Eureka Springs.
Pres. & Gen. Mgr.
H. D. Jenkins.....Eureka Springs
V. Pres. Floyd Walker.... "
Sec. & Treas., F. C. Cook "
Supt. W. L. Dry..... "
Ch. Engr. Grant Fuller... "
Energy purchased from Eureka Springs Elec. Co.; trolley volt. 550 v.
Repair shops at North Main St. Eureka Springs.
Owns Auditorium Park.
4 miles: 4-8½ g; 9 motor pass. and 1 other car. 119

FORT SMITH. 24,000 (1917).

24—Fort Smith Lt. & Traction Co.—(Controlled through stock ownership by Standard Gas & Elec. Co., and operated by Byllesby Engineering & Management Corpn., Chicago, Ill.)
Pres. A. S. Huey.....Chicago, Ill.
1st V. Pres. H. M. Byllesby. "
2d V. Pres. F. C. Gordon..... "
3rd V. Pres. & Gen Mgr.
D. C. Green.....Fort Smith
Sec., Treas. & Audr.
R. E. Ballard..... "
Supt. & Claim Agt., T. G. Kelley "
Ch. Engr Pwr. Sta., L. J. Noble "
M. M., M. E. Wright..... "
Engr. M. of W., M. C. Garlick "
Power sta. equip. 2 d. c. G. E. Allis-C. tot. 1100 kw; 3 a. c. G. E. West. tot. 2850 kw. 2300 v. 2 ph. 60 cys; 6750 hp. e. Fulton, Rhs. Ham. Allis, B & W; 3700 hp. b. Bab. & W; 6,000 kw. stm. turb. Westg; trans. volt. 36,000 v; trolley volt. 575 v.
Power sta. at First & C Sts.; repair shops at cor. Midland Boulevard & Highway.
Owns and controls Electric Park.
23 miles; 4-8½ g; 41 motor cars. Company does general lighting and power business and distributes natural gas in Ft. Smith and Van Buren. 60

HELENA. 10,795 (1916)

26—The West Helena Consolidated Co. (Successor to Interurban Ry. Co.)—(Connects Helena and West Helena.)
Pres. E. C. Hornor.....Helena
V. Pres. R. B. Mason..... "
Sec. & Treas. J. S. Hornor..... "
Gen. Mgr. E. T. Hornor..... "
Gen. Frt. & Pass Agt. L. G. Hornor. "
M. M. H., N. Tibbles.....West Helena
Engr. M. of W., E. P. Douglas "
Energy purchased from the Helena Gas & Elec. Co.
Repair shops at West Helena.
Reaches Beech Crest Park, Walnut Grove (owned).
5.5 miles; 4-8½ g; 21 motor and 16 other cars. 126

HOT SPRINGS. 17,233 (1916)

27—Central Arkansas Ry. & Lt. Corpn.—Office, 60 B'way., New York, N. Y. (Controls Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., and in turn is controlled by the Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. & Treas. J. Dunhill " "
Sec. & Asst. Treas.
E. K. H. D'Auth..... " " ★60

28—Hot Springs St. Ry. Co.—Office, 913-917 Central Ave. (Controlled by Central Arkansas Ry. & Lt. Corpn., which in turn is controlled by the Federal Lt. & Trac. Co., New York, N. Y.)
Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. J. Dunhill " " "
Sec. & Treas. W. E. Johnson..Hot Springs
Gen. Mgr. S. E. Dillon..... "
Gen. Supt. & Ch. Engr.
C. H. Nichols.....New York, N. Y.
Supt. J. H. Butterfield.....Hot Springs
Energy purchased from Citizens Elec. Co.; repair shops at 727 Park Ave.
13.8 miles; 4-4½ g; 37 motor pass. and 2 other cars. ★60

LITTLE ROCK. 67,290. (1920).

29—Little Rock Ry. & Elec. Co.—Office, 115 W. 4th St. (Operates in Little Rock.)
Pres. D. H. Cantrell.....Little Rock
V. Pres. & Treas., A. Brizzalara "
Sec. & Audr. W. J. Tharp.... "
Gen. Mgr. C. J. Griffith..... "
Pur. Agt. E. Eick..... "
Supts. { Ry. Dept. A. R. Koonce. "
Lig. Dept. & Engr. Ovhd. Const. L. F. Griffith... "
Claim Agt. Chas. T. Rowland. "
Asst. Attorney Elmer Schoggen "
Com. Mgr. E. I. Brown..... "
Ch. Engr. Pwr. Sta.
Jack Abbott..... "
M. M. W. H. Curtis..... "
Roadmaster, John Card..... "
Power sta. equip 2 d. c. G. E. tot. 1650 kw; 6 a. c. turbo gen. G. E. tot. 12,000 kva. 2300 v. 3 ph. 60 cys.; H. O. & R; 6692 hp. b. B & W; 12,000 kw. stm. turb. G. E; trans. volt. 2300-6600-13,200 v; trolley volt. 600 v.
1 sub. sta. (auto. cont.) cap. 450 kw; 3 rot. conv; 2 mo.-gen sets.
Power sta. at foot of Arch St.; repair shops at North & Chester Sts.
Reaches and controls Forest Park.
41 miles; 4-8½ g; 93 motor pass., 10 trail pass. and 4 other cars. Company does general ltg. & pwr. business; sells energy to Intercity Terminal Ry. Co. ★60

PINE BLUFF. 17,447. (1916)

30—The Pine Bluff Co. Office, 512 Main St.
Pres. H. C. Couch.....Pine Bluff
V. Pres. John H. Watkins
7 Wall St., New York, N. Y.
Sec. & Elec. Engr.
J. L. Longino.....Pine Bluff
Treas. & Gen. Mgr.
J. A. Whitlow..... "
Audr. L. B. West..... "
Supt. Ry. Dept. J. Cain..... "
Pur. Agt. C. S. Lynch..... "
Claim Agt. Parker C. Tucker.. "
Ch. Engr. A. W. Look..... "
Elec. Engr. R. Pittman..... "
M. M. T. F. Willey.....Pine Bluff
Engr. Ovhd. Const. C. H. Smith "
Power sta. equip. 5 a. c. G.E., West. tot. 9250 kw., 2300 v. 3 ph. 60 cys; 3000 hp. b. B. & W., Heine; 9250 kw. stm. turb. G.E., West; trans. volt. 33,000 v; trolley volt. 600 v.
7 sub-stas. (2 with auto. cont.) tot. cap. 3600 kw.: 2-300 kw. G. E. rot. conv.
Power sta. at 4th and Ash Sts.
Repair shops at 3d and Ash Sts.

10 miles; 42 in. g.; 15 motor cars. Company does general lighting and power business. 60

TEXARKANA (Ark-Tex.). 20,000.

31—Southwestern Gas & Elec. Co. (Texarkana Div.). — Office, 122 East Broad St., Texarkana, Ark. (Connects Texarkana, Ark., and Texarkana, Tex.)
Pres. Henry M. Dawes.
1615 Harris Trust Bldg., Chicago, Ill.
V. Pres. R. C. Dawes " " "
Treas. J. C. Markley.. " " "
Audr. C. W. Demmon. " " "
Gen. Mgr. W. L. Wood, Jr.....Texarkana
Pur. Agt. W. E. Bann..... "
Supt. L. W. Johnson ..... "
Claim Agt. W. E. Casey..... "
Elec. Engr. & Engr. Ovhd. Constr. A. Patterson..... "
Ch. Engr. Pwr. Sta. A. W. Ball "
Power sta. equip. 1 d. c. Westg. 250 kw; 3 a. c. Bull, Allis-C., tot. 875 kw. 2300 v. 3 ph. 60 cys; 1 rot. conv. G. E. 500 amp; 1676 hp. b. Heine, Stir; 3000 kw. (stm.) turb. G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops at Texarkana, Tex.
Reaches Spring Lake Park, Texas.
14 miles: 4-8½ g; 16 motor pass., 4 fgt. cars without motors; 1 construction car. (Company does lighting business.) ★50

WALNUT RIDGE. 1,798.

32—Central Power & Lt. Co.—Office, 1420 Chemical Bldg., St. Louis Mo. (Successor to Walnut Ridge & Hoxie Lt. Pwr. & Transit Co..) (Connects Walnut Ridge and Hoxie.)
Pres. W. S. McCall.....St. Louis, Mo.
Sec., Treas. & Audr. E. H. Gorse " "
Local Mgr. A. Lieberman, Walnut Ridge
Pur. Agt. H. C. Loehr.....St. Louis, Mo.
Ch. & Elec. Engr. D. L. Keiser..... " "
Engr. Pwr. Sta. D. Mathues.....Walnut Ridge
Power sta. equip. 2 d. c. F. M. & Co., G. E. tot. 90 kw; 3 a. c. West. tot. 800 kva. 2300 v. 3 ph. 60 cys; 4 stm. e. West., Nord, St. L. cor; 300 kva. stm. turb. West; 500 hp. wtr. turb. Heine; trans. volt. 13,200 v; trolley volt. 2300 v.
Power sta. and repair shops at Walnut Ridge.
2.50 miles; 4-8½ g; 4 motor cars. Company does lighting & power business. ★50

CALIFORNIA.

ALAMEDA. 27,732. (1916)

(See Nos. 52 and 67).

BAKERSFIELD. 16,874 (1916)

33—Bakersfield & Kern Elec. Ry.—Office, Bakersfield; Main Office, Fresno. (Controlled by San Joaquin Lt. & Pwr. Corpn.) (Connects Bakersfield and Kern City.)
Pres. Wm. G. Kerckhoff 805 Garland Bldg., Los Angeles
V. Pres. A. C. Balch 805 Garland Bldg. "
Sec. L. M. Farnham 805 Garland Bldg. "
Treas. & Compt. A. E. Peat 805 Garland Bldg. "
Audr. A. B. Carpenter Tulare & H Sts., Fresno
Gen. Mgr. A. G. Wishon.... " "
Supt. & Gen. Fgt. & Pass. Agt. D. L. Wishon.....Bakersfield
Claim Agt. M. Bourne..... Tulare & H Sts., Fresno
Pur. Agt. D. P. Mason ..... "
Ch. Engr. & Engr Overhead Constr. E. A. Quinn...Tulare & H Sts., Fresno
Elec. Engr. D. B. Ogle.....Bakersfield
Ch. Engr. Pwr. Sta. A. Y. Mendell..... "
M. M., V. N. Mickelberry.... "
Energy purchased from San Joaquin Lt. & Pwr. Corpn., Fresno.
1 sub-sta.; 2 mo. gen. sets.
Repair shops at 19th St. & Union Ave., Bakersfield.
Reaches Recreation Park (owned).
10.51 miles; 4-8½ g; 15 motor cars. 60

BERKELEY. 57,653 (1916)

(See Nos. 52 and 67).

CHICO. 3,750.

(See No. 55a)

CORONADO. 1,477.

(See No. 58.)

EAGLE ROCK. 1,450 (1913).

(See Nos. 42 and 46.)

EUREKA. 14,684 (1916).

38—Humboldt Transit Co.—Office, J. & Harris Sts.
Pres. Wm. Butterworth.....Moline, Ill.
V. Pres. James Walter Scott.....San Francisco
Sec. & Treas. Horace R. Hudson "
Gen. Mgr., Audr., Claim & Pur. Agt. J. W. Hale.....Eureka
Asst. Mgr. & M. M. F. L. Jackson.. "
Energy purchased from Western States Gas & Elec. Co.; trans. volt. 11,000 v; trolley volt. 550 v.
Repair shops at J & Harris Sts.
Reaches Sequoia Park, and controls Sequoia Gardens.
12 miles; 4-8½ g; 15 motor pass. and 1 service car. ★60

EXETER. 600.

39—Visalia Electric R. R. Co.—Gen. Office, Pacific Electric Bldg., Los Angeles. (Connects Visalia, Farmersville, Exeter, Lemoncove, Woodlake and Strathmore. (Controlled by the Southern Pacific Co.)
Pres. Paul Shoup.....San Francisco
V. Pres. R. P. Schwerin.... " "
Sec. & Audr. H. A. Culloden, Los Angeles
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster.....Exeter
Supt. & Elec. Engr., W. P. Ballard "
Pur. Agt. I. L. Ward.....Los Angeles
Fgt. Claim Agt. E. T. Albert.. "
Gen. Fgt. Agt. T. J. Day.... "
Gen. Pass. Agt. O. A. Smith "
Ch. Engr. & Roadmaster R. T. Jackson ..... "
Ch. Engr. Pwr. Sta. J. E. Jones....Exeter
M. M., A. A. Benn..... "
Energy purchased from Mt. Whitney Pwr. & Elec. Co.; trans. volt. 11,000 v; trolley volt. 3300 v; 2 a. c. West. tot. 750 kw. 11,000 v. s. ph. 15 cys.
4 sub. stas. tot. cap. 1500 kw.
Repair shops at Exeter.
Reaches Terminus Beach.
69.4 miles (16.64 miles of track owned by Southern Pacific Co.); 4-8½ g. ovhd. 3 motor pass. cars, 1 gas-elec. pass. car, and 3 other cars; 1 elec. loco. and 1 gas elec. loco. 60

FRESNO. 34,958 (1916).

(See also No. 33.)

40—Fresno Interurban Ry. Co.—Gen. Office, 464 California St., San Francisco. (Operates in Fresno and extends 17 miles east of Fresno to Sunmaid

does mostly freight business and has connections with Santa Fe and Southern Pacific at Fresno.)
Pres. & Gen. Mgr. Thos. M. Paterson
San Francisco
V. Pres. F. O. Cooke..... " "
Sec., Treas. & Audr.
Geo. H. Bradner..... " "
Supt. & Pur. Agt.
W. F. Fuller.....Fresno
Gen. Fgt. & Pass. Agt.
F. L. Farrell..... "
Power sta. equip; 700 hp. gas. e. H-S.
Repair shops at Alvina Heights.
19 miles; 4-8½ g; 1 motor pass. and 1 fgt. motor car. (Expects to build 6 miles to Centerville and Kings River head gates.) (Entire system now operated with gas motor.) ★70

41—Fresno Traction Co.—Gen. office, Pacific Electric Bldg., Los Angeles (Leases Fresno City Ry. Co. (8.14 miles) (Controlled by Southern Pacific Co.)
Pres. W. F. Herrin.....San Francisco
V. Pres. Paul Shoup..... "
Sec. & Audr. H. A. Culloden.. "
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster.....Fresno
Supt. E. A. Devereux..... "
Claim Agts. Everts & Ewing..... "
Pur. Agt. I. L. Ward .....Los Angeles
Ch. Engr. A. H. Babcock
Flood Bldg., San Francisco
M. M., E. G. Snider..... Fresno
Energy purchased from San Joaquin Lt. & Pwr. Corpn.; 4 d.c. motor-gen. sets G. E. West, Allis-C. tot. 1400 kw; trolley volt. 550 v.
Repair shops at First and Tulare Sts.
Reaches and owns Recreation Park and Fresno Beach.
45.01 miles; 4-8½ g; 32 motor cars and 1 elec. loco; 2 other cars. (In addition to the above mileage, owns 8.51 miles leased to and operated by Southern Pacific Co.) 70

GLENDALE. 8,897 (1913).

42—Glendale & Montrose Ry.—Office, 109 East Broadway. (Connects Glendale, Eagle Rock, Montrose and La Crescenta.)
Pres. Wm. G. Henshaw
762 Mills Bldg., San Francisco
V. Pres. John Treanor
640 Title Ins. Bldg., Los Angeles
Sec. & Treas. C. L. McFarland,
Evans Block, Riverside
Audr. J. H. Woods
640 Title Ins. Bldg., Los Angeles
Gen. Mgr. R. M. Wallitz
640 Title Ins. Bldg. "
Supt. & Pur. Agt.
P. L. Hatch " "
Gen. Fgt. & Pass. Agt.
M. W. Mills " "
Engr. Maint. of Way
W. A. Mulligan " "
Energy purchased from Southern California Edison Co.; 1 d. c. Bull 200 kw. 2200 v. 3 ph. 60 cys; trans. volt. 10,000 v; trolley volt. 575 v.
1 sub-sta; 1 mo. gen. set.
Sub-sta. and repair shops at Montrose.
8.5 miles; 4-8½ g; 5 motor pass., 1 flat and 1 line car., 1 elec. loco. (Contemplates 6-mile extension to Sunland.) 60

GRASS VALLEY. 4,520.

43—Nevada County Trac. Co.—Office, Room 707, 354 Pine St., San Francisco, Cal.
Pres. John Martin.....San Francisco
Sec. & Treas. F. H. Pierson.. "
Gen. Mgr. & Pur. Agt.
C. C. Skewes.....Grass Valley
Elec. Engr., Ch. Engr. Pwr. Sta. & M. M., T. C. Thomas "
2 d. c. G. E. tot. 300 kw; 2 a. c. Stanley tot. 300 kw. 4200 v. 3 ph. 60 cys; trans. volt. 4200 v; trolley volt. 600 v.
Pwr. sta. and repair shops at Glenbrook.
Reaches Olympia Park.
5 miles; 4-8½ g; 4 cars. 70

INGLEWOOD. 1,536.

(See No. 46.)

LOS ANGELES. 319,198.

(See also Nos. 39, 41, 71, 72, 74 and 77.)

45—Los Angeles & Mt. Washington Ry. Co.—Office 200 Marsh-Strong Bldg. (Incline to top of Mt. Washington.)
Pres. Robt. Marsh .....Los Angeles
V. Pres. J. E. Marsh..... "
Sec. & Treas. R. D. Middleton " "
Energy purchased from Pacific Lt. & Pwr. Corpn.
Owns hotel and 14-acre park on Mt. Washington.
3000 ft. (electric, 3rd rail, cable); 3-6 g; 2 cars. 78j

46—Los Angeles Ry. Corpn.—Office, 610 S. Main St. (Successor to Los Angeles Ry. Co.—narrow gauge lines of Pacific Elec. Ry. and Los Angeles Interurban Ry. in Los Angeles, and all those portions of the Los Angeles & Redondo Ry. Co. and California-Pacific Ry. Co. north of a line running through Athens and Hawthorne.) (Controls City Railway Co. of Los Angeles.) Connects Los Angeles, Eagle Rock, Colegrove and Vernon; Huntington Park, Sunnyside, Hyde Park and Inglewood.)
Pres. H. E. Huntington
61 Broadway, New York, N. Y.
V. Prests. { W. E. Dunn.....Los Angeles
{ Howard Huntington "
Sec., Treas., Compt. and Audr.
C. A. Henderson..... "
Asst. Audr. R. O. Crowe.... "
Gen. Mgr. G. J. Kuhrts..... "
Asst. to Gen. Mgr.
E. L. Lewis..... "
Gen. Supt. F. Van Vranken "
Pur. Agt. B. Schupp..... "
Gen. Claim Agt.
C. M. Roberts..... "
Ch. Engr. P. B. Harris..... "
M. M., E. L. Stephens..... "
Energy purchased from Southern California Edison Co; trans. volt. 15,000 v; trolley volt. 600 v.
Repair shops at 54th St. & South Park Ave.
Reaches all parks in vicinity but one.
389.08 miles; 3-6 g; 875 pass. 2 funeral, 49 motor service and 54 work cars without motors. ★60

48—Pacific Elec. Ry. Co.—Office, Pacific Electric Bldg. (A consolidation of the Pacific Elec. Ry., Los Angeles Interurban Ry., Los Angeles & Redondo Ry. Co., Los Angeles-Pacific Co., The Riverside & Arlington Ry. Co., The San Bernardino Valley Trac. Co., Redlands Central Ry. Co. and San Bernardino Inter-Urban Ry. Co.) (Acquired property of Peck R. R. Co. and Ontario & San Antonio Heights R. R. Co.) (Connects Los Angeles with all principal suburban towns within a radius of 75 miles; also Mt. Lowe resort and direct line to mountain resorts of the San Bernardino & San Gabriel ranges, Rubio Canyon, La Ramada and direct line to mountain resorts of the San Gabriel range.) (Leases from Southern Pacific Co., branch from Clement Junction to Port Los Angeles Wharf including branch to Soldiers Home.) (Controlled by Southern Pacific Co.)

SOUTHERN DIV. comprises: Whittier, La Habra, Fullerton, Santa Ana, Santa Ana - Orange, Santa Ana - Huntington Beach Lines, Seal Beach, Huntington Beach, Newport Beach, Balboa, Long Beach, Watts Local, Long Beach City Lines, Long Beach-San Pedro, San Pedro City, San Pedro via Dominguez, San Pedro via Gardena, Redondo via Gardena and El Nido-Hawthorne-El Segundo Lines and branches thereof, including Long Beach, San Pedro, and Redondo Terminals.

NORTHERN DIV. comprises: Edendale, Glendale, Burbank, So. Pasadena Local, Annandale, Pasadena Short Line, Pasadena via Oak Knoll, Mt. Lowe Line, Sierra Vista Local, Pasadena City Lamanda Park, Sierra Madre, Monrovia, Glendora, Alhambra, San Gabriel, Shorb, El Monte, Covina, San Dimas, Pomona, Pomona City Lines, Ontario, Upland, San Antonio Hts., San Bernardino, San Bernardino City, Coltan, Redlands, Redlands City, Highland, Arrowhead, Riverside City, Victoria, Magnolia, Bloomington, Corona, and Rubidoux Lines and branches thereof.

WESTERN DIV. comprises Redondo Beach via Playa del Rey, Venice Short Line, Sawtelle, Venice-Inglewood, Venice-Playa del Rey, Westgate, Santa Monica Air Line with eastern terminus at Clement Junction, Santa Monica via Holywood Line, Soldiers' Home, Coldwater Canon Line, Hollywood Local Lines, Lankershim, Van Nuys, Owensmouth and San Fernando Lines and branches thereof.

Pres. Paul Shoup.....San Francisco
V. Pres. H. B. Titcomb.....Los Angeles
Sec. & Audr. H. A. Culloden. "
Treas. M. S. Wade..... "
Chief Counsel, Frank Karr... "
Gen. Supt. F. L. Annable..... "
Ass't Gen. Supt. J. C. McPherson "
Pur. Agt. I. L. Ward ..... "
Tax Agt. F. A. Alspach ..... "
Mgr. Real Estate, Taxes & Resorts.
C. H. Burnett..... "
Gen. Claim Agt. S. A. Bishop.. "
Gen. Pass. Agt. O. A. Smith.. "
Gen. Agts. { E. H. Sharpe.... "
H. O. Marler.... "
Pass. Dept. }
Gen. Freight Agt. T. J. Day.. "
Gen. Agt. Freight Dept.
F. C. Weeks..... "
Supt. So. Div. O. P. Davis... "
Asst. Supt. So. Div.
Ora Taylor..... "
Supt. West. Div. W. C. White "
Asst. Supt. West. Div.
S. E. Wilson..... "
Supt. No. Div A. C. Bradley.. "
Asst. Supts. { F. E. Peachey, San Bernardino
No. Div. { C. H. Belt.....Los Angeles
H. E. Rodenhouse Pasadena
Traveling { F. E. Billhardt..Los Angeles
Pass. Agts. { A. H. Fidel .... "
Traveling { S. E. Cooper.... "
Fgt. Agts. { G. H. Payne.... "
Mech. Supt. Fred F. Small... "
Ch. Engr. E. C Johnson "
Elec. Supt. S. H. Anderson.. "
Asst. Elec. Supt.
C. M. Warnecke..... "
Asst. Elec. Supt.
(Chge. Pwr. & Elec. Distb.)
Julian Adams..... "
Asst. Elec. Supt. (Chge. Sub-sta. Const. & Maint.) W. F. Smith "
Gen. Storekeeper
C. Thorburn, 7th & Central.. "

Energy purchased from Southern Cal. Edison Co.; trans. volt. 15,000 v; trolley volt. 575 v. and 1200 v.

52 sub-stas. (5 with auto.control) tot. cap. 57,055 kw; 4 rot. conv; 80 mo. gen. sets.

Power stas. at 636 Central Ave., Los Angeles and Vineyard. Repair shops at 7th St. and Central Ave., Los Angeles, Sherman, Redondo and Torrance.

Owns and reaches Alpine Tavern, Mt. Lowe; Urbita Springs Park, San Bernardino; Redondo Beach Resorts and Rubio Canyon. Reaches beach resorts at Santa Monica, Ocean Park, Venice, Long Beach, Balboa, Newport Beach, Seal Beach, and Anaheim Landing.

1095 miles; 4-8½ g; 646 motor pass., 18 trail pass., 29 motor freight, 1171 trail freight, 39 motor service and 74 trail service cars; 35 elec. locos; 4 auto pass cars. ★60

MONROVIA. 3,576.

(See No. 48.)

MONTEREY. 4,938.

49—Monterey & Pacific Grove Ry. Co.—Office, 58 Sutter St., San Francisco. (Owned and operated by Coast Valleys Gas & Elec. Co., which is controlled by the California Ry. & Pwr. Co.) (Connects Del Monte, Monterey and Pacific Grove.)

Gen. Mgr. H. F. Jackson..San Francisco
Sec., Treas. & Audr.
F. J. Blanchard..... " "
Pur. Agt. L. C. Helfrick " "
Supt. C. H. Noack.....Monterey
Ch. Engr. Pwr. Sta. Jas. Thexter "

Energy from Coast Valleys Gas & Elec. Co.; trolley volt. 550 v.

1 sub-sta., cap. 450 kw.; 2 mo.-gen. sets G. E. Natl.

Repair shops at Monterey.

5.65 miles; 4-8½ g; 7 motor cars and 1 other car. 119

NAPA. 8,500 (1916).

50—San Francisco, Napa & Calistoga Ry.—Office, Suscol Ave., Napa. (Connects San Francisco, Vallejo, Napa, Yountville, Oakville, Rutherford, St. Helena and Calistoga.) (Constructing line to Mare Island Navy Yard.)

Pres. James Irvine
820 Crocker Bldg., San Francisco
1st V. Pres. Guy C. Earl
14 Sansome St., " "
2d V. Pres. & Audr.
John T. York.....Behlow Bldg., Napa
Sec. & Treas. T. V. Maxwell
820 Crocker Bldg., San Francisco
Audr. F. H. Groat.....Napa
Gen. Mgr. & Cl. Agt. C. E. Brown.. "
Supt. Transp. C. L. Humphreys.... "
Ch. Engr. M. of W., J. E. Estes.... "
Elec. Engr. & Supt. Equipt.
Geo. A. Hearn..... "
Roadmaster, P. A. Devine..... "

Energy purchased from Great Western Pwr. Co. 3 d. c. Westg. tot. 65 kw: 3 a. c. Westg. tot. 1600 kw. 60 v. s. ph. 25 cys: trans. volt. 6600-33,000 v; trolley volt. 3300 v.

Repair shops at Suscol Ave., Napa.

44.522 miles (catenary overhead, 3300 v. s. ph.): 4-8½ g; 14 motor and 23 other cars; 3 elec. locos. ★50

OAKLAND, 198,604 (1916)

(See also No. 67)

50a—Castro Point Railway & Terminal Co.—Office, 424 Central Bank' Bldg., Oakland. (Operates in Richmond.)

Pres. F. W. Bilger...5000 Bway, Oakland
V. Pres. & Supt. Edwin T. Blake "
Sec. & Treas. G. A. Kuppe..... "
Ch. Engr. H. T. Compton,
City Engr's Office, Stockton
0.31 miles 4-8½ g. ★60

51—San Francisco - Sacramento Railroad Co. (Formerly Oakland, Antioch & Eastern Ry.)—Office, 40th St. & Shafter Ave., Oakland and Hobart

Bldg., San Francisco. (Connects San Francisco, Sacramento, Oakland, Walnut Creek, Concord, Bay Point, Pittsburg, Danville and Alamo.)
Pres. W. Arnstein.....San Francisco
V. Pres. & Gen. Mgr.
H. A. Mitchell.....Oakland
Sec., Treas. & Audr. of Disbursements, H. J. Sutherland..... "
Audr. of Fgt. & Pass. Accts.
Thos. Kearns..... "
Trainmaster, C. D. Kenady..... "
Supts. { Tunnels, J. D. Welsh... "
Supts. { Marine Equipt. Capt. J. Ough..... "
Claim Agt., Gen. Fgt. & Pass. Agt.
L. H. Rodebaugh..... "
Pur. Agt. H. E. Jaeger..... "
Ch. Engr. C. M. Mardel..... "
Ch. Engr Pwr. Sta. & M. M., F. A. Miller..... "
Engr. Maint. of Way, R. L. Lowry "
Engr. Ovhd. Constr. H. F. Neill. "

Energy purchased from Great Western Pwr. Co; 8 d. c. W. E. G. E. tot. 4500 kw; trans. volt. 11,000—22,000 v; trolley volt. 1200 v.

Repair shops at 40th & Shafter Aves. Reaches Pinehurst Park (owned).

109 miles owned (98 mi. 1st m. t., 11 mi. sid.); also 10 miles leased. Total miles operated 103; 4-8½ g; 18 motor pass. 21 trail pass., 76 fgt., 15 service cars and 6 locos. ★60

52—San Francisco - Oakland Terminal Rys.—Office, Key System Bldg., 22d and Grove Sts., Oakland. (Consolidation of San Francisco, Oakland & San Jose Consolidated Ry., Oakland Traction Co., East Shore & Suburban Ry. Co., California Railway, Oakland Traction Consolidated, Berkeley Traction Co., Oakland Transit Co., Oakland, San Leandro & Hayward Ry. Co., Alameda, Oakland & Piedmont Elec. Ry., East Oakland St. R. R., Highland Park & Fruitvale R.R., Piedmont & Mountain View Ry., Oakland Ry. Co., Webster & Park Ry. and San Francisco, Oakland & San Jose Ry.) (Connects Oakland, Alameda, Berkeley, Richmond, Albany, San Leandro, Hayward, Piedmont, Emeryville, San Lorenzo and San Francisco.)
Pres. C. O. G. Miller.....Oakland
V. Pres. & Gen. Mgr.
W. R. Alberger..... "
Sec. Angus Clark..... "
Treas. F. W. Frost..... "
Audr. B. W. Fernald..... "
Attorney M. C. Chapman..... "
Pur. Agt. S. H. Pickard..... "
Gen. Supt. Geo. H. Harris..... "
Supts. { Transp. J. P. Potter..... "
Supts. { Equipt. G. St. Pierre.... "
Claim Agt. John S. Mills..... "
Elec. Engr. H. P. Bell ..... "
M. M., W. P. Jackson..... "
Engr. Ovhd. Constr. Thos. Kerin "
Div. Supts. { West., C. E. Bourne..... "
Div. Supts. { Central, H. Kelton..... "
Div. Supts. { East., H. Brobeck..... "
Div. Supts. { North., C. F. Donnelly.. "
Div. Supts. { Key, E. H. Thornton.... "
Div. Supts. { Ferry Dist., W. A. Rasmusen "
Storekeeper, Chas. Christopher.. "

Power sta. equip. 16 d. c. G. E. West. McC. Bull. tot. 10,550 kw; 12,000 hp. e. Penn. Cor. Ham. St. L. Ball. McI. & S; 8950 hp. b. Bab. & W. A. & T; trolley volt. 600 v.

Sub sta. equip. (Richmond): 3 d. c. G. E., West. tot. 2400 kw; trans. volt. 10,000 v.

Large portion of energy purchased at 5 sub-stations from Pacific Gas & Elec. Co. and Great Western Pwr. Co.

Power sta. and repair shops at Emeryville, Cal.

Owns East Shore Park, Richmond.

282 miles: 4-8½ g; 380 motor and 47 other cars; 4 ferry boats. ★60

ONTARIO. 4,274.
(See No. 48.)

PASADENA. 46,450 (1916)
(See No. 48.)

PETALUMA. 5,880.

53—Petaluma & Santa Rosa R.R. Co.—Office, Copeland & E. Washington Sts., Petaluma. (Connects Petaluma, Santa Rosa, Sebastopol, Forestville, and Two Rock.) (Operates steamer "Gold" and "Petaluma" bet. Petaluma and San Francisco, 37 miles.)
Pres. Thos. Maclay.....Petaluma
V. Pres. & Gen. Mgr.
E. H. Maggard..... "
Sec. R. W. Wise.....San Francisco
Treas. Geo. P. McNear.....Petaluma
Audr. & Actg. Treas.
H. Von Emster..... "
Ch. Engr. & M. M.
W. G. Rennison..... "

Energy purchased from Pacific Gas & Elec. Co.; trans. volt, 60,000v; trolley volt. 600 v.

2 sub-stas. tot. cap. 1,155 kw; 3 mo. gen. sets.

Sub-stas. at Petaluma and Sebastopol; repair shops at Petaluma.

43.86 miles owned (37.02 mi. 1st m. t. 16.84 mi. sid.) Total miles operated 37.02.

4-8½ g; 9 motor pass., 3 trail pass. and 86 freight cars; 5 elec. locos. ★60

POMONA. 13,150 (1916)
(See No. 48.)

REDLANDS. (14,000 1916)
(See No. 48.)

REDONDO BEACH. 2,935.
(See No. 48.)

RICHMOND. 156,687.
(See Nos. 50a and 52.)

RIVERSIDE. 19,763 (1916)
(See also No. 48.)

SACRAMENTO. 75,603.
(See also No. 51.)

55—Pacific Gas & Elec. Co.—Gen. office, 445 Sutter St., San Francisco. (Operates entire street railway system.)
Pres. Frank G. Drum.....San Francisco
1st V. Pres. & Gen. Mgr.
John A. Britton..... "
2d V. Pres. & Treas.
A. F. Hockenbeamer..... "
Sec. & Asst. Treas.
D. H. Foote..... "
Audr. R. R. Rudford..... "
Asst. Treas. Jos. C. Love.. "
Asst. Sec. Chas. L. Barrett. "
Local Mgr. C. W. McKillip "
Supt. Ry. Dept. H. B. Mathews 11th & K Sts., Sacramento
Cl. Agt. J. P. Coghlan.....San Francisco
Pur. Agt. John H. Hunt... "
Ch. Engr. P. M. Downing.. "
M. M., G. C. Sneider.....Sacramento
Mgr. Publicity Dept.
F. S. Myrtle.....San Francisco

Power sta. equip. 2 d. c. G. E., tot. 2500 kw; 1 a. c. turbo-gen. G. E. 5000 kw. 4150 v. 3 ph. 60 cys; 3332 hp. b. Stir.; trans. volt. 110,000 & 60,000 v; trolley volt. 550-600 v.

Power sta. at 6th & H Sts. Electrical system of Co. consists of 19 hydro-electric plants and 3 steam plants, which operate in parallel, supplying Co's. transmission system of 2283 miles.

Repair shops at 28th & M Sts.

Reaches and owns Oak Park.

43.91 miles; 4-8½ g; 70 cars. Company does general ltg. and pwr. business in 35 counties of central California. ★60

55a—Sacramento Northern Railroad. (Formerly the Northern Elec. Ry.)—Offices, Sacramento and Mills Bldg., San Francisco. (Connects Sacramento, Woodland, Marysville, Colusa, Oroville and Chico.)
Pres. G. F. Detrick.....San Francisco
V. Pres. & Treas. J. D. McKee "
Sec. A. E. Wellington.....Sacramento
Asst. J. R. Parke..... "
Gen. Mgr. J. B. Rowray..... "
Supt. W. W. Nelson..... "
Claim Agt. J. W. Grace..... "
Pur. Agt. L. S. Jones.....San Francisco
Traffic Mgr. Z. T. George....Sacramento
Ch. Engr. H. O. Brown..... "
Elec. Engr. W. H. Evans..... "
Supt. Power & Ovhd.
Russell Gould.....Chico
Roadmaster D. Kennedy.....Marysville
Energy purchased from the Pacific Gas & Elec. Co.
10 sub-stas. (1 with auto. cont.) tot. cap. 4300 kw; 1 rot. conv; 10-400 kw. mo. gen. sets.
Repair shops at Chico.
212 miles; 4-8½ g. 3rd rail; 29 motor pass., 8 trail pass., 296 fgt. (without motors) and 24 other cars; 10 elec. locos. (2-60 ton elec. locos. on order.) ★60

SAN BERNARDINO. 16,945 (1916)
(See No. 48.)

SAN DIEGO. 53,330 (1916).

55b—Bay Shore R. R. Co.—Office, 344 "C" St. (Connects Ocean Beach, Mission Beach and Pacific Beach, all within city of San Diego.)
Pres. John F. Forward, Jr.....San Diego
V. Pres. & Gen. Mgr.
Geo. L. Barney..... "
Sec. & Treas. J. H. McKie..... "
Audr.
F. E. Garside..230 Union Bldg., "
Energy purchased; trolley volt. 550-600v.
2.877 miles; 4-8½ g; 2 motor pass. cars. 118

57—Point Loma R. R. Co.—Office, Union Bldg., San Diego. (Leased to San Diego Elec. Ry. Co.) (Connects San Diego and Ocean Beach.)
Pres. J. D. Spreckels.....San Diego
V. Pres. & Mng. Dir. Wm. Clayton "
Sec. & Treas. Claus Spreckels. "
Audr. N. E. Brown..... "
Mgr. Transp. M. J. Perrin..... "
Pur. Agt. Geo. Holmes..... "
10.16 miles owned. (9.91 mi. 1st m. t; 0.25 mi. sid.) ★60

58—San Diego Elec. Ry. Co.—Office, Union Bldg. (Purchased Coronado R. R. (Elec. Div.) and So. Park & E. Side Ry. (Leases & operates Point Loma R. R. Co.) Connects San Diego, National City and Chula Vista.)
Pres. John D. Spreckels.....San Diego
V. Pres. & Mng. Dir.
Wm. Clayton..... "
Sec. & Treas. Claus Spreckels.. "
Audr. N. E. Brown..... "
Mgr. Transp. M. J. Perrin.... "
Supt. Mot. Pwr. H. MacNutt.. "
Claim Agt. W. H. Moore..... "
Pur. Agt. Geo. Holmes..... "
Ch. Civil Engr. A. Ervast..... "
Ch. Engr. Pwr. Sta.
Geo. K. Hellerman..... "
Park Supt. John Davidson.... "
Power sta. equip. 6 d. c. G.E. West. tot. 6700 kw; 3 a. c. West. tot. 6250 kva. 2200 v. 3 ph. 60 cys; 1810 hp. e. Allis-C; 2400 hp. b. Bab. & W; 7000 kw. stm. turb. West; trolley volt. 600 v.
Power sta. at Artic & E Sts.; repair shops, cor. 15th & L Sts.
Owns Mission Cliff Gardens.
75.75 miles owned (42.90 mi. 1 stm. t., 28.41 mi. 2nd m. t., 4.44 mi. sid.); also 11.58 miles track rights; total miles operated 89.43; 4-8½ g; 147 motor pass. 4 trail pass. and motor service cars. Company does general lighting & power business. ★60

59—San Diego & Arizona Ry. Co.—Office, 636 Spreckels Bldg., San Diego. (Purchased San Diego & Southeastern Ry. Co., Steam R. R; electrified section operated by San Diego Elec. Ry. Co. (Connects San Diego, Lakeside, Chula Vista, Tia Juana and El Centro.)
Pres. John D. Spreckels
Union Bldg., San Diego
V. Pres. R. C. Gillis
Spreckels Bldg., Los Angeles
Sec. & Audr. L. J. Masson.....San Diego
Treas., Land & Tax Agt.
W. G. Daniels..... "
Gen. Mgr. D. W. Pontius..... "
Supt. & Chief Engr.
J. R. Lowe..... "
Pur. Agt. S. P. Howard
1625 Newton Ave. "
Asst. Traffic Mgr. F. B. Dorsey "
M. M. T. F. O'Connell
1625 Newton Ave. "
Claim Agt.
W. H. Moore, Union Bldg.. "
Roadmaster C. A. Vincent
13th & N Sts. "
Repair shops at 1625 Newton Ave.
10 miles elec., 188.7 miles stm. 28 stm. pass., 268 stm. freight and 30 stm. service cars; 13 stm. locos; 3 gas-elec. cars (leased equip. not included.) ★70

SAN FRANCISCO. 463,516 (1916)
(See also Nos. 40, 43, 48, 49, 50, 51, 52, 53, 55, 72, 75, 76 and 568.)

61—California St. Cable R. R. Co.—Office, Hyde & California Sts.
Pres. J. Henry Meyer.....San Francisco
V. Pres. A. H. Payson.... "
2d V. Pres., Gen. Mgr.
& Pur. Agt. Jas. W. Harris. "
Sec. & Claim Agt.
Geo. A. Hare..... "
Treasrs. J. Henry Meyer & Co. "
Audr. Charles B. Stone..... "
Elec. Engr. John R. Steel.. "
Ch. Engr. Pwr. Sta.
C. Trubert..... "
Elec. Engr. John R. Steed... "
Ch. Engr. Pwr. Sta.
C. Trubert..... "
Roadmaster, Alfred Bowes. "
Power sta. and repair shops at California & Hyde Sts.
11.5 miles (cable); 3-6 g; 49 cars ★70

62—Central California Trac. Co.—Office, 637 Holbrook Bldg. (Connects Stockton, Lodi and Sacramento; leases lines in Stockton to the Stockton Elec. R. R.) (In 1916, entered into agreement with Tidewater Southern Ry. Co. for joint operation of the two lines.)
Pres. H. Fleishhacker.....San Francisco
1st V. Pres. M. Fleishhacker "
2d V. Pres. Geo. W. Peltier
Calif. Natl. Bank, Sacramento
Sec. & Treas.
A. N. Baldwin.....San Francisco
Audr. M. E. Taylor
101 E. Weber Ave., Stockton
Gen. Mgr. Frank W. Webster " "
Supt. J. J. Hooper..... " "
Cl. Agt. & Traffic Mgr.
J. C. Stone.....Sacramento
Pur. Agt. I. L. Ward
Pacific Elec. Bldg., Los Angeles
Elec. Engr. C. E. Spencer.... " "

M. M., A. H. Gazin.....Stockton
Roadmaster, A. Palm..... "
Energy purchased from Western States Gas & Elec. Co.; trans. volt. 60,000 v; trolley volt. 1200—600 v. d. c.
Repair shops at Stockton.
70.8 miles (1200 v. & 600 v. d. c.—overhead trolley and third rail); 4-8½ g; 21 motor and 38 other cars; 1 loco. 119

63—Fairfax Incline Railroad Co.—Office, 223 Phelan Bldg., San Francisco. (Connects Fairfax with Mt. Top on Fairfax Manor.)
Pres. T. W. Rivers, 760 Market St, San Francisco
V. Pres., Sec. & Gen. Mgr., C. C. Rivers..... "
Pur. Agt. Rivers Bros..... "
Supt. H. G. Day.....Fairfax
Energy from Pacific Gas & Elec. Co. 1500 feet; double cable, electric hoist. 119

64—Municipal Ry. of San Francisco—Office, 2600 Geary St.
Supt. Fred Boeken.....San Francisco
Asst. Supts. { Dennis Collins.. " / B. H. Roberts... " / E. Clisbee..... "
Ch. Clerk Wm. H. Scott..... "
Claim Agt. Jno. Leighton..... "
M. M., Wm. C. Bendel..... "
City Engr. M. M. O'Shaughnessy "
Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 575-600 v.
Repair shops at 2600 Geary St.
Reaches nearly all city parks.
67.33 miles; 4-8½ g; 197 motor pass. and 1 other motor car; 6 busses. ★60

65—Northwestern Pacific R. R. Co. Office, 64 Pine St. (Connects Eureka and San Francisco, via San Rafael, Petaluma, Santa Rosa, Ukiah, Willits, South Fork and Arcata. Electrical operations cover interurban territory between Sausalito, San Rafael, Manor and Mill Valley.
Pres. & Gen Mgr.
W. S. Palmer.....San Francisco
V. Prests. { Paul Shoup, 65 Market St. " / A. H. Payson, 601 Market St. "
Sec. G. L. King....65 Market St. "
Treas. & Pur. Agt.
H. W. Ellicott..... "
Asst to Pres. & Gen. Mgr.
H. G. Jenkin..... "
Gen. Solicitor
Stanley Moore, 310 California St., "
Compt. W. B. Burris " "
Claims Atty. Elliott Johnson..... "
Gen. Pass. & Fgt. Agt. J. J. Geary "
Ch. Engr. J. W. Williams..... "
Elec. Engr. F. T. Vanatta.....Sausalito
M. M. R. J. Quintrell.....Tiburon
Gen. Safety Agt.
W. S. Wollner.....San Francisco
Fgt. Claim Agt. J. G. Brady..... "
Div. Supts. { Motive Pwr. & Marine Equip. J. K. Brassill.....Sausalito / Southern Div. George H. McMillan... " / Northern Div. W. J. Hunter.....Eureka
Div. Engrs M. of W. { Northern Div. W. W. Winn..... " / Southern Div. B. J. Simmons..Sausalito
Power sta. equip. 6 d. c. Stan, West, G. E, tot. 3800 kw; 1800 hp. e. McI. & S; 2100 hp. b. Bab. & W, Keeler; 1000 kw. turb. (stm.) West; trans. volt. 45,000 v; trolley volt. 600 v; energy also purchased from Pacific Gas & Elec. Co. at Alto.
1 sub-sta. cap. 1500 kw; 3-500 kw. mo. gen. sets. G. E, Allis-C.
Power sta. at Alto; repair shops at Sausalito and Tiburon.
Reaches Schuetzen Park.
655.14 miles owned (507.06 mi. 1st m. t., 15.62 mi. 2nd m. t., 132.46 mi. sid.); also 0.43 mi. track rights; total miles operated 522.68; 3 and 4-8½ g; 3rd rail; 43 motor pass., 198 trail pass., 1422 trail freight and 265 trail service cars. ★60

66—Ocean Shore R. R. Co.—Office, 52 Eleventh St. (This is a steam road connecting San Francisco, Salada, Tobin, Farallone, Moss Beach, Granada, Princeton, Half Moon Bay and Tunitas (38 miles); also Santa Cruz and Swanton (16½ miles). Terminals of 4 miles in San Francisco operated by electricity.)
Pres. F. W. Bradley.....San Francisco
V. Pres. & Gen. Mgr. John G. Sutton..... "
Sec., Treas., Audr. & Pur. Agt. J. W. Crosby..... "
Claim, Fgt. & Pass. Agt. J. A. Walden..... "
Supt. H. Horn..... "
M. M., W. Hesse..... "
Energy purchased from Pacific Gas & Elec. Co.
Repair shops at San Francisco.
Reaches Princeton-by-the-Sea.
54.5 miles in operation, 26.4 miles under construction, 4 miles of terminals operated by electricity; 4-8½ g; 3 motor pass., 27 trail pass. and 105 freight cars; 8 locos. ★60

67—Southern Pacific Co. (Western Div.—Oakland, Alameda & Berkeley Elec. Lines)—Offices, 65 Market St., San Francisco, and 165 Broadway, New York, N. Y. controls Pacific Elec. Ry. Co., Fresno Trac. Co., Peninsular Ry. Co., Stockton Elec. R. R. Co., Visalia Elec. R. R. Co., and San Jose Railroads. Absorbed Portland, Eugene & Eastern Ry. Co. and Salem, Falls City & Western Ry. Co.) See also Portland, Ore.
Chmn. Exec. Comm.
J. Kruttschnitt.....New York, N.Y.
V. Pres. H. W. de Forest " "
Dir. of Traf. L. J. Spence " "
V. Pres. & Compt.
A. D. McDonald..... " "
V. Pres. & Asst. to Chmn.
W. A. Worthington " "
Gen. Counsel J. P. Blair " "
Sec. Hugh Neill..... " "
Treas. A. K. Van Deventer " "
Pres. Wm. Sproule.....San Francisco
V. Pres. & Asst. to Pres. Paul Shoup..... "
V. Pres. & Ch. Counsel Wm. F. Herrin..... "
V. Pres., charge Promotion & Development E. O. McCormick "
Gen. Mgr. J. H. Dyer..... "
Audr. T. O. Edwards..... "
Asst. Treas. W. F. Ingram. "
Div. Supt.
T. F. Rowlands.....Oakland Pier
Pur. Agt. F. W. Taylor....San Francisco
Ch. Engr. William Hood. "
Power sta. equip.: 2 a. c. West. E. M. Co. tot. 15,000 kw. 12,200 v. 3 ph. 25 cys; 7740 hp. b. Parker; 15,000 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 1200 v.
3 sub-stas. tot. cap. 15,000 kw; 10 rot. conv.
101.21 miles; 4-8½ g; 79 motor, 60 trail and 2 baggage & express motor cars. ★70

68—United Railroads of San Francisco.—Office, 58 Sutter St. (Owns and operates a suburban line to San Mateo and leases the San Francisco Electric Railways (which owns the Parkside Transit Co. and the Visitacion Valley line) and the Gough St. R. R.; the South San Francisco R. R. & Pwr. Co. is part of this system.) (Controlled by

the California Ry. & Pwr. Co., a subsidiary of the United Railways Investment Co.) (Negotiations pending for purchase of property by City of San Francisco.)
Pres. & Gen. Mgr.
Wm. Von Phul.....San Francisco
V. Pres., Sec. & Compt.
Geo. B. Willcutt..... "
Treas. A. M. Dahler..... "
Asst. Gen. Mgr. M. McCants "
Supt. Transf.
A. W. Brohman..... "
Gen. Atty. W. M. Abbott.. "
Pur. Agt. P. C. Paddock... "
Claim Agt. J. H. Handlon.. "
Engr. Maint. of Way & Constr. B. P. Legare.... "
Supt. Cable Machinery L. P. Peterson Turk & Fillmore Sts., San Francisco
Engr. Elec. Equip. W. T. Bivins "
M. M. J. M. Yount San Jose & Geneva Aves "
Energy purchased from Sierra & San Francisco Pwr. Co.; 3 d. c. G. E. tot. 660 kw; 1 a. c. G. E. motor 600 hp. 440 v. 3 ph. 60 cys; 500 hp. e. Risd; 990 hp. b. U. I. W; trans. volt. 11,000 v; trolley volt. 550 v.
Repair shops at San Jose & Geneva Aves.
272.77 miles (electric and cable); 3-6 g. cable) & 4 8¼ g: 898 cars, of which 761 are electric motor and special cars and 67 cable cars. ★60

69—California Ry. & Pwr. Co.—Office, 25 Broad St., New York, N. Y. (This is a holding company only and controls the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., the Coast Valleys Gas & Elec. Co. and the San Francisco Elec. Rys. and is itself controlled by the United Railways Investment Co. through ownership, either directly or through subsidiaries, of the outstanding preferred and common stocks.)
Pres. Mason B. Starring, New York, N. Y.
V. Prests. { S. H. March, " "
Geo. de B. Greene " "
Treas. B. S. Guinness,
Sec. P. M. Hoskins 10†

SAN JOSE. 38,902 (1916)

71—Peninsular Ry. Co.—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose, Saratoga, Los Gatos, Campbell, Cupertino, Monta Vista, Mayfield, Palo Alto, Los Altos and Berryessa.) (Controlled by the Southern Pacific Co.)
Pres. Paul Shoup.....San Francisco
Sec. & Audr. H. A. Culloden Los Angeles
Treas. M. S. Wade..... "
Gen. Mgr. & Park Mgr.
F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... "
Gen. Fgt. & Pass. Agt.
E. G. Shoup..... "
Pur. Agt. I. L. Ward.. Los Angeles
Ch. Engr. & Engr. M. of W.
Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr.
W. H. Davison..... "
M. M., H. J. Rego..... "
Energy purchased from Pacific Gas & Elec. Co.; trans. volt. 11,000 v, 3 ph; trolley volt. 600 v. d. c.; 7 rot. conv. G. E. West. tot. 1950 kw.
Repair shops at Sunol & San Carlos Sts.
Reaches Congress Mineral Springs (owned) and Alum Rock Park (owned by city).
108.65 miles; 4-8¼ g: 46 motor cars (38 owned and 8 leased) 2 trailers and 8 fgt. cars. ★70

72—San Jose Railroads—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose & Santa Clara.)
Pres. W. F. Herrin.....San Francisco
V. Pres. Paul Shoup..... "
Sec. & Audr. H. A. Culloden.. Los Angeles
Treas. M. S. Wade..... "
Gen. Mgr. F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... "
Gen. Fgt. & Pass. Agt.
E. G. Shoup..... "
Pur. Agt. I. L. Ward.....Los Angeles
Ch. Engr. & Engr. M. of W.
Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr.
W. H. Davison..... "
M. M., H. J. Rego..... "
Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 500 v.
Repair shops at 1070 Alameda Ave.
Owns and reaches Luna Park.
38.85 miles; 4-8¼ g; 40 motor, 3 trail pass. 2 sprinklers (owned) 6 motor cars (leased.) ★70

SAN LEANDRO. 3,471.

(See No. 52.)

SAN LUIS OBISPO. 5,157.

73—Pacific Coast Ry. Co. (Elec. Div.)—Offices, 612 L. C. Smith Bldg., Seattle, Wash. and San Luis Obispo. (Connects Port San Luis, Avila, San Luis Obispo, Arroyo Grande, Santa Maria, Guadalupe, Orcutt, Sisquoc, Los Alamos & Los Olivos.)
Pres. E. C. Ward.....Seattle, Wash.
V. Prests. { N. D. Moore... "
E. W. Clark.....Los Angeles
Sec. & Audr. H. M. Watkins..Seattle, Wash.
Treas. R. S. Walker..... "
Supt. & Gen. Fgt. & Pass. Agt.
J. M. Sims.....San Luis Obispo
Pur. Agt. W. E. Nichols...Seattle, Wash.
Ch. Engr. A. F. Marion.... "
M. M., D. W. Ford.....San Luis Obispo
Roadmaster H. Bunce.....Santa Maria
Energy purchased from Midland Counties Public Service Corpn., Santa Maria; 1 mo.-gen. set Allis-C. 225 hp. 2200 v. 3 ph; trolley volt. 550 v.
Repair shops at San Luis Obispo.
18 miles; 3 ft. g; use cars of 3 steam lines; 3 elec. locos. 60

SAN PEDRO. 6,000.

(See No. 48.)

SANTA BARBARA. 14,846 (1916).

74—Santa Barbara & Suburban Ry. Co.—Exec. office, 120 E. 4th St., Los Angeles; local office, Santa Barbara. (Successor to The Santa Barbara Consolidated R. R. Co.)
Pres. W. A. Brackenridge...So. Pasadena
V. Pres. C. A. Edwards....Santa Barbara
Sec. S. M. Kennedy.....Alhambra
Treas. W. L. Percey.....Los Angeles
Pur. Agt. John Otte..... "
Supt. W. E. Erwin.....Santa Barbara
M. M., Roy Savage..... " "
Energy purchased from Santa Barbara Gas & Elec. Co: 2 d. c. G. E., Ball. tot. 500 kw; trans. volt. 4000 and 2300 v; trolley volt. 500 v.
Repair shops at Castillo St.
Owns Ball Park.
7.55 miles; 4-8¼ g; 10 motor pass., 4 fgt. cars; 1 elec. loco. 119

SANTA CRUZ. 14,594 (1916).

(See also No. 66.)

75—Union Traction Co.—Office 454 California St., San Francisco. (Successor to Santa Cruz Elec. Ry. Co. and Santa Cruz, Capitola & Watsonville Ry. Co.) (Connects Santa Cruz, Seabright, Del Mar, Opal and Capitola.) (Owned by the Coast Counties Gas & Elec. Co.)
Pres. & Gen. Mgr.
S. W. Coleman.....San Francisco
V. Pres. R. M. Hotaling..... " "
Sec. & Treas. L. W. Pryor " "

Mgr. R. L. Cardiff.....Santa Cruz
Supt. G. L. Fitzgerald..... "
Energy purchased from Coast Counties Gas & Elec. Co.; trolley volt. 600 v.
Repair shops at Santa Cruz.
Reaches an amusement park.
15 miles; 4-8¼ g; 21 cars. 60

SANTA ROSA. 7,817.
(See No. 53.)

SOUTH SAN FRANCISCO. 1,989.

76—So. San Francisco R.R. & Pwr. Co.—Office, 58 Sutter St., San Francisco. (Connects with United Railroads of San Francisco and operates from Leipsic Crossing to South San Francisco water front. Part of United Railroads System.)
Pres. Wm. J. Martin...So. San Francisco
V. Pres. Wm. M. Abbott.....San Mateo
Sec. George B. Willcutt....San Francisco
Treas. A. M. Dahler..... " "
Energy from United Railroads of San Francisco.
3.48 miles; 4-8½ g; 6 cars. ★60

STOCKTON. 35 358 (1916).
(See also No. 62.)

77—Stockton Elec. R. R. Co.—Gen. office, 65 Market St., San Francisco (Operates in Stockton; also, under 38-yr. lease, from Jan. 1, 1915, lines of the Central California Trac. Co. in Stockton) (Controlled by Southern Pacific Co.)
Pres. Paul Shoup.....Los Angeles
Sec. & Audr. H. A. Culloden.. "
Treas. M. S. Wade..... "
Gen. Mgr. Frank W. Webster...Stockton
Supt. J. J. Hooper..... "
Pur. Agt. I. L. Ward.. ..Los Angeles
Claim Agt. A. L. Levinsky.....Stockton
Energy purchased from Western States Gas & Elec. Co.; trolley volt. 600 v.
Repair shops at Stockton.
Reaches Oak Park and Mineral Baths.
25.51 miles; 4-8½ g; 32 motor pass. and 2 other cars. 119

78—Tidewater Southern Railway Co.—Offices, 941 Mills Bldg., San Francisco. Connects Stockton, Manteca, Modesta, Turlock and Hilmar. (Majority of stock owned by Western Pacific Ry.)
Pres. C. M. Levey.....San Francisco
V. Prests. { A. A. Baldwin " / Byron A. Bearce....Stockton
Treas. Chas. Elsey.....San Francisco
Audr. R. P. Dunbar..... "
Mgr. E. L. Gamble.....Stockton
Ch. Engr. T. J. Nyche.....San Francisco
Elec. Engr. W. H. Evans.. "
Energy purchased from Pacific Gas & Elec. Co., San Francisco.
2 sub-stas. tot. cap. 800 kw; 2 rot. conv. trolley volt. 1200 v. d. c.
Repair shops at Stockton.
69.4 miles owned (64.7 mi. 1st m. t., 4.7 mi. sid.); also 0.9 mi. track rights; total miles operated 70.3; 4-8½ g; 3 motor pass. and 1 trail fgt. car; 1 elec. loco. ★60

VALLEJO. 13,461 (1916).
(See No. 50.)

VISALIA. 4,550.
(See No. 39.)

COLORADO.

BOULDER. 11,669 (1916).

79—The Western Lt. & Pwr. Co.—Office, Temple Bldg., Boulder.
Pres. Frank W. Fruauff,
60 Wall St., New York, N. Y.
Executive V. Pres.
D. A. Hegarty.....Boulder
2nd V. Pres. W. J. Barker.....Denver
Sec. Paul R. Jones,
60 Wall St., New York, N. Y.
Treas. Louis F. Musil,
60 Wall St., New York, N. Y.
Audr. E. E. Sherman .....Boulder
Gen. Mgr. C. A. Semrad..... "
Supt. St. Ry. C. L. Green..... "
Pur. Agt. D. W. Guiney..... "
Elec. Engr. W. D. Bennetts..... "
Ch. Engr. Pwr. Sta. Frank W. Laas "
Power sta. equip. 4 a. c. turbo gen. Westg. tot. 8000 kw., 11 000 & 13,200 v. s. & 3 ph., 25 & 60 cys; 3700 hp. b. Franklin; 8000 hp. stm. turb. Westg; trans. volt. 13,200 & 44,000 v; trolley volt. 550 v.
1 sub. sta. cap. 500 kw; 2 rot. conv.
Power sta. near Louisville, Colo., repair shops at 12th and Arapahoe Sts.
Reaches Chautauqua Park (owned by city).
10.7 miles: 3-6 g; 7 motor pass. and 5 trail pass. cars. (Co. does ltg. & pwr. business.) 50

COLORADO SPRINGS. 32,971 (1916).

80—The Mt. Manitou Park & Incline Ry. Co.—Office, 308 Mining Exch. Bldg. (Connects Manitou to Mt. Manitou Park at summit of Mt. Manitou.)
Pres. Spencer Penrose...Colorado Springs
Sec. & Audr. " "
E. S. Hartwell..... " "
Treas. A. S. Gill..... " "
Gen. Mgr. J. J. Cogan.. " "
Traffic Mgr. F. C. Matthews " "
Energy purchased from Colorado Springs Lt., Ht. & Pwr. Co.; trans. volt. 6600 v.
1 G. E. motor 75 hp. 220 v. 3 ph. 60 cys. belted and geared to cable sheaves.
Reaches and owns park on summit of Mt. Manitou.
1.25 mile cable; 2-6 g; 2 cars. 50

81—Colorado Springs & Interurban Ry. Co.—Office, 520 S. Tejon St. (Consolidation of Colorado Springs Rapid Transit Co. and Colorado Springs & Suburban Ry. Co.) (Connects Colorado Springs, Colorado City, Manitou, Roswell and Ivywild.)
Pres. D. H. Rice,
117 E. Pikes Peak Ave., Colorado Springs
V. Pres. W. Lennox " " "
Sec. Wm. Lloyd..... " "
Treas. C. S. Chamberlin..... " "
Gen. Supt.
B. M. Lathrop.....Colorado Springs
Claim Agt. J. O. Henry..... "
Ch. Engr. Pwr. Sta. C. E. Bibb
W. Rio Grande St., " "
M. M. Geo. Reid..... " "
Roadmaster C. E. Elliott Ivywild "
Power sta. equip. 4 d. c. G. E. Bull. tot. 1825 kw; 2000 hp. b. Bab. & W; trans. & trolley volt. 570-560 v.
Power stations at Rio Grande and Sierra Madre Sts; repair shops at 520 S. Tejon St.
Owns Stratton Park and reaches Prospect Lake.
39 miles; 4-8½ g; 84 motor pass., 5 fgt., and 6 other cars; 1 elec. loco. 50

82—Colorado Springs & Cripple Creek District Ry. Co.—Office, 301 Mining Exchange Bldg. (Operation discontinued May 17, 1920.) (Connects Cripple Creek, Goldfield, Elkton, Independence, Anaconda, Colorado Springs and Victor.)
Receiver & Gen. Mgr.
G. M. Taylor.....Colorado Springs
Audr. & Claim Agt.
H. R. Stroupe..... " "
Supt. J. W. Cummings.. " "
Pur. Agt. F. A. Hamilton " "
Gen. Fgt. & Pass. Agt.
W. E. Hellmuth..... " "
Ch. Engr. S. J. Connolly. " "

M. M., Wm. W. Lawhead, Colorado Springs
Engr. M. of W.
C. H. Dietz..... " "
Power sta. equip. 1 d. c. G. E. 225 kw; 3 rot. conv. West, G. E. tot. 840 kw. 3 ph. 30 cys; 225 hp.e. Cor; 345 hp. b. Kewanee; trans. volt. 22,000-6,600 v; trolley volt. 600 v. Energy also purchased from Arkansas Valley Ry., Lt. & Pwr. Co.
Power sta. at Cameron; repair shops at Cripple Creek.
75.8 miles; (elec. 4-8½" g; 18.5 miles; 57.3 steam;) 4 motor pass. cars and 1 other car. ★50

CRIPPLE CREEK. 6,206.

(See No. 82.)

DENVER. 260,800 (1916).

83—The Denver & Intermountain R. R. Co.—Office, 805 Tramway Bldg. (Operates through ownership and by lease, freight trackage by steam and electricity from Denver to Golden and Leyden; also operates by electricity from Denver to Barnum 3 miles).
Pres. & Gen. Mgr. F. W. Hild....Denver
V. Pres. S. M. Perry
Gas & Elec. Bldg. "
Sec. & Treas. H. S. Robertson.... "
Audr. Wm. A. Doty..... "
Gen. Supt. & Ch. Engr.
Edward A. West..... "
Supts. { Transp., J. L. Adams..... "
Way, W. L. Whitlock.... "
Lines, O. P. Morse..... "
Supvr. of Safety, S. G. Shaw..... "
Pur. Agt. W. S. Brackett..... "
Traffic Mgr. H. F. Wood..... "
M. M., G. W. Dolezal..... "
Bway & Alaska St., "
Energy purchased from The Denver Tramway Co; trolley volt. 550 v.
Repair shops at Broadway & Alaska Sts. Denver.
55.42 miles; 4-8½ & 3-6g; 18 motor pass., 2 trail pass., 8 other motor and 150 other cars; 5 elec. and 2 stm. locos. ★50

84—The Denver & Interurban R. R. Co.—Office, Railway Exch. Bldg. (Connects Denver & Boulder, 41.40 miles, and branch to Eldorado Springs, 3.02 miles.)
Receiver, William H. Edmunds...Denver
Pres. Robert Rice..... "
V. Pres. & Gen. Audr.
J. H. Bradbury..... "
Sec. & Treas., B. James..... "
Energy from Western Lt. & Pwr. Co.; trolley volt. 11,000 v, a. c. s. ph. catenary. & 575 v. d. c.
Repair shops at Denver.
Reaches Eldorado Springs.
12.77 miles owned (11.61 mi. 1st m. t., 1.16 mi. sid.): also 8.19 mi. leased, 25.16 mi. track rights. Total miles operated 44.42; 4-8½g; 14 motor pass., 6 trail pass. and 1 service car. ★60

85 — The Denver & South Platte Ry. Co. — Office, 210 Tramway Bldg. Denver. (Connects Englewood and Littleton.)
Pres., Treas. & Gen. Mgr.
H. W. Hartman.....Denver
V. Pres. T. B. Doan..... "
Sec. & Audr. U. T. Reilly..... "
Energy purchased from the Denver Tramway Co.
Repair shops at Littleton.
Reaches two parks (leased).
4.5 miles in operation, owned; (4.25 mi. 1st m. t., 0.25 mi. sid.); 3.6 g; 15 miles under construction; 3-6 g; 2 motor pass., 1 trail fgt. and 1 service car. ★50

86 — The Denver Tramway Co.—Office, Tramway Bldg., 14th & Arapahoe Sts., Denver. (Acquired the properties of the Denver & Northwestern Ry. Co.) (Operates in Denver and connects Golden, Arvada, Leyden, Englewood and Aurora.)
Chmn. Bd.
Chas. Boettcher....Ideal Bldg., Denver
V. Pres. S. M. Perry
Gas & Elec. Bldg. "
Sec. H. S. Robertson..... "
Treas. H. J. Alexander
1st Nat. Bk. Bldg.. "
Audr. Wm. A. Doty..... "
Gen. Mgr. F. W. Hild..... "
Gen. Supt. & Ch. Engr.
Edward A. West..... "
Pur. Agt. W. S. Brackett..... "
Traffic Mgr., H. F. Wood..... "
Supts. { Transp., J. L. Adams.... "
Power, W. E. Casey .... "
Lines, O. P. Morse..... "
Way, W. L. Whitlock... "
Supvr. of Safety, S. G. Shaw.... "
Mech. Engr. Eugene Weber..... "
M. M., G. W. Dolezal
Broadway & Alaska St. "
Power sta. equip. 3 d. c. G. E. tot. 3200 kw; 4 a. c. G. E. Westg. tot. 13,000 kw. 6600 & 2300 v. 3 ph. 25 cys; 21,700 hp. e. G. E., Whlk, Allis-C., West.; 9625 hp. b. Stirling; 11,500 kw. turb. (stm.) West G. E.; trans. volt. 13,200 v; trolley volt. 600 v.; energy also purchased from Colorado Power Co.
Power sta. at 14th & Platte Sts.; repair shops at Broadway & Dakota Sts.
Reaches City, Lakeside, Mountain, Berkeley, Washington and Cheesman Parks.
228.90 miles; 3-6 g. and 4-8½ g; 244 motor pass., 118 trail pass., 40 other motor and 25 other cars. 50

DURANGO. 4,686.

87 — Durango Ry. & Realty Co. — 812 Main Ave. (Connects Durango and Animas City.)
Pres. & Gen. Mgr. J. A. Porter
University Club, Denver
V. Pres., Sec., Treas., & Supt.
W. N. Bagby.....Duranga
Energy purchased from The Western Colorado Pwr. Co.; trans. volt. 550 v.
Repair shops at Durango.
Owns Brookside and Animas City Parks and Fair Grounds.
2.5 miles; 4-8½ g; 5 motor pass. cars. ★70

FORT COLLINS, 13,500.

87a — Fort Collins Munic. Ry. Co.—Office, 330 No. Howe St.
Supt. W. A. Johnson.....Fort Collins
Energy purchased from Western Lt. & Pwr. Co. at Lafayette.
Repair shops at 330 No. Howe St.
Reaches Lincoln City and Prospect Parks.
4 motor pass. cars. 129

GRAND JUNCTION. 10,000 (1911).

88—The Grand River Valley Ry. Co. — Office, 3d & Main Sts., Grand Junction. (Connects Grand Junction and Fruita.)
Pres. A. E. Carlton.....Colorado Springs
V. Pres. Spencer Penrose "
Sec. & Treas. Charles L. Tutt "
Gen. Mgr. J. Stewart.....Garden City
Gen. Supt.
A. E. Anderson.....Grand Junction
Supt. H. P. Smith..... "
M. M. V. F. Anderson... "
Roadmaster, N. P. Hansen "
Energy purchased from Grand Junction Elec. Gas & Mfg. Co., Fruita.
1 sub-sta. cap. 300 kw; 1 rot. conv.
Repair shops at Grand Junction.
21 miles owned (19 m. 1st m. t., 2 mi. sid.); 4-8½ g; 6 motor pass, 4 trail pass, 1 motor fgt., 14 trail fgt. and 1 service car. (Company does lighting in Fruita.) ★50

GREELEY. 11,420 (1916).

89 — The Greeley & Denver R. R. Co. — Office, Greeley. (Operates in Greeley.)
Pres. P. W. Allen.....Greeley
V. Pres. J. H. Woolf..... "
Supt. & Elec. Engr.
C. L. Hartman..... "
Energy purchased from The Western Lt. & Pwr. Co.
Repair shops at Greeley.
6 miles; 4-8½ g; 6 cars. 60

PUEBLO. 63,000 (1917).

90 — Arkansas Valley Ry., Lt. & Pwr. Co.—Office, Electric Bldg. (Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)
Pres. Arthur S. Huey.....Chicago, Ill.
V. Pres. & Gen. Mgr. W. F. Raber...Pueblo
Sec. Herbert List.....Chicago, Ill.
Asst. Sec. & Audr. E. J. Rosenauer..Pueblo
Treas. R. J. Graf.....Chicago, Ill.
Asst. Treas. Walter J. Benning....Pueblo
Supt. Ry. Dept. W. C. Porter..... "
Supt. Ltg. Dept. E. F. Stone..... "
Claim Agt. H. P. Vories..... "
Pur. Agt. S. G. Cunningham..... "
Engr. Pwr. Sta. M. G. Lord..... "
Power sta. equip. 1 d. c. G. E. 800 kw; 2 a. c. G. E. tot. 1610 kw. 2300 v. 3 ph. 60 cys; 3424 hp. e. R. & S; 4635 hp. b. Cahall, Stir., Heine, Bab. & W; 3000 kw. (stm.) turb. Allis-C; 1050 kw. rot. conv. G. E; trans. volt. 24,000-33,000 v; trolley volt. 550 v.
Power sta. and repair shops at Pueblo.
Reaches Minnequa Park.
35.3 miles; 4 g; 40 motor and 10 trail cars. (Additional power stas. at Canon City, Skaguay, Rocky Ford and La Junta for lighting and power service.) 60

TRINIDAD. 13,875 (1916).

91 — The Trinidad Elec. Transmission Ry. & Gas Co.—Local offices, Trinidad: Main offices, 60 Broadway, New York, N. Y. (Controls city system and interurban road between Trinidad, Sopris, Starkville, Jansen, Jerryville, Thomasville, Piedmont, McBrideville, Coakdale, Viola and Sopris Plaza.) (Controlled by the Federal Lt. & Trac. Co., New York, N. Y.)
Pres.
E. N. Sanderson.....New York, N.Y.
1st V. Pres. & Gen. Mgr.
C. H. Nichols..... " "
2nd V. Pres. & Treas... " "
Sec. E. K. H. D'Aeth... " "
Audr. Almer G. Fay.....Trinidad
Mgr. W. P. Southard..... "
Pur. Agt. W. D. Creek..... "
C. H. Engr. H. A. Person..... "
Elec. Engr. E. C. Ferree..... "
Engr. M. of W., W.S. Townsend "

TRINIDAD PWR. STA. EQUIP. 4 a. c. turbo-gen. West, G. E. tot. 10,625 kva. 2300 v. 3 ph. 60 cys; 4396 hp. b. Parker, Franklin, A. & T; trans. 44,000-22,000-6,600 & 2300 v; trolley volt. 550 v.

WALSEN STA. EQUIP. 2 a. c. turbo-gen. West. tot. 3750 kva. 2300 v. 3 ph. 60 cys; 2400 hp. b. Wickes, Keeler; trans. volt. 6,600 v.

HASTINGS STA. EQUIP. 1 a.c. turbo-gen. Allis-C. 1875 kva. 2300 v. 3 ph. 60 cys; 1000 hp. b. Wickes, Vil.
1 sub-station; 1 rot. conv.
Repair shops at Trinidad.
Reaches Central and Kit Carson Parks.
19.35 miles; 4-8½ g; 8 motor pass. and 5 motor freight cars; 2 elec. locos. (Co. does gen. ltg. & pwr. business.) ★50

CONNECTICUT.

ANSONIA. 16,704 (1916).

(See Nos. 93 and 104.)

BERLIN. 3,728.

(See No. 101.)

BRANFORD. 6,047.

(See also No. 104.)

92—The Connecticut Co. (Branford Line.) — Connects with New Haven and Stony Creek. For general officers and rolling stock equipment, see No. 103.
Mgr. F. P. Harlan.....New Haven
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.
12 miles; 4-8½ g. ★50

BRIDGEPORT. 121,579 (1916).

93 — The Connecticut Co. (Bridgeport Div.) (This division operates in and connects Stamford, Derby, Ansonia, New Haven, Norwalk, Westport, Southport, Fairfield, Bridgeport, Stratford, Milford & Shelton.) For general officers, see No. 103
Mgr. —— ——.....Bridgeport
Claim Agt. A. B. Gould..... "
Ch. Engr. Pwr. Sta. B. J. Baldwin "
Roadmaster, M. E. Stark..... "
Power sta. equip. 5 d. c. G. E., West. tot. 4800 kw; 1 a. c. turbo-gen. G. E. 5000 kw. 11,000 v. 3 ph. 25 cys; 2 rot. conv. tot. 4000 kw; 6400 hp. e. Penn, Allis-C, Prov; 4500 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. at Seaview Ave., repair shops at Congress St.
105.468 miles; 4-8½ g; 267 motor pass. 5 fgt. motor and 42 other cars. ★50

94—The Lordship Railway—Office, 1188 Main St. (Connects Bridgeport and Stratford.)
Pres. F. A. Bartlett.....Bridgeport
V. Pres. Geo. B. Clark..... "
Sec. & Audr. Geo. L. Taylor, Jr. "
Treas. Lewis A. Corbett..... "
Gen. Mgr. Chas. H. Davis..... "
Supt. & Elec. Engr. M. C. Connell Stratford & Hollister Ave. "
Energy purchased from The Connecticut Co.
Repair shops at Stratford & Hollister Aves.
Reaches and owns Lordship Park.
4 miles; 4-8½ g; 7 motor cars. 118

BRISTOL. 15,927 (1916)

95—The Bristol & Plainville Tramway Co. — Office, 17 Riverside Ave. (Connects Bristol, Forestville, Plainville, Terryville and Lake Compounce.)
Chrmn. Bd. Charles H. Tenney, Hartford
Pres. A. B. Tenney....Lexington, Mass.
V. Pres. D. Edgar Manson..Boston "
Sec. & Treas. M. L. Tiffany.....Bristol
Asst. Treas. E. A. Bradley, Boston, Mass.
Mgr. G. E. Cockings.....Bristol
Gen. Mgrs.
Charles H. Tenney & Co..Boston, Mass.
Energy purchased from The Conn. Pwr. Co.
Sub-sta. equip. 1500 kw. stm. turb. Curtis; 1400 hp. b. Haz.
Repair shops at Bristol.
Reaches Amusement Park at Lake Compounce.
13.74 miles; 4-8½ g; 34 pass. cars (11 closed, 18 open and 5 combination), 3 snow plows and 1 other car. (Company does a general lighting (gas and elec.), power and steam heating business.) ★50

BURRVILLE. 130.

96—The Connecticut Co. (Torrington Div.)— For general officers, see No. 103.
Supt. & M. M. Frank L. Hopkins, Burrville
Ch. Engr. Pwr. Sta. C. E. Smith "
Power sta. equip. 2 d. c. G. E. tot. 350 kw; 500 hp. e. Slater; 500 hp. b. Stewart, Kendall; trolley volt. 550 v.
Power sta. and repair shop at Burrville.
Reaches Electric Park.
12.676 miles; 4-8½ g; 20 motor pass. and 6 other cars. 50

DANBURY. 23,502.

98—Danbury & Bethel St. Ry. Co.—Office, 23 South St. (Connects Danbury and Bethel. Purchased the Bridgeport & Danbury Elec. Ry., operating between Bridgeport and Long Hill.)
Receiver, J. Moss Ives.....Danbury
Sec., Treas. & Supt.,
Geo. H. Klinzing..... "
Elec. Engr. Wm. Rosenbaum .. "
Ch. Engr. Pwr. Sta.
Eric Swanson..... "
Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1350 kw. 2200 v. 3 ph. 60 cys; 1100 hp. b. Rust, Bab. & W; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shops at Danbury.
Reaches Kenosia Park (owned).
16 miles; 4-8½ g; 37 motor pass. and 3 work cars, 1 sprinkler and 3 snow plows. 129†

DERBY. 9,655 (1916)
(See Nos. 93 and 104.)

EAST LYME. 1,916.
(See No. 108.)

ESSEX. 2,745.
(See No. 108.)

FAIRFIELD. 6,134.
(See No. 93.)

HARTFORD. 110,969 (1916)
(See also Nos. 101, 109 and 311.)

99—The Connecticut Co. (Hartford Div.) Office, 127 State St.—(Connects Wethersfield, Hartford, West Hartford, Windsor, Glastonbury, East Hartford, Newington, Rockville, New Britain, Middletown, Unionville, Farmington, South Manchester and Stafford Springs.) For general officers, see No. 103.
Local Mgr. W. P. Bristol.....Hartford
Supt. Fred. Miller..... "
Asst. Supt. M. J. Scott..... "
Claim Agt. R. M. Marlowe..... "
Ch. Engr. Pwr. Sta. Chas. Miller "
M. M., W. E. Crilly..... "
Roadmaster F. P. McKaig..... "
Power sta. equip. 3 d. c. G. E., C.-W. tot. 2800 kw; 3 rot. conv. G. E. Westg. tot. 4000 kw. 6 ph. 25 cys; 3 a. c. turbo-gen. G.E, West. tot. 5000 kw. 11,000 v. 3 ph. 25 cys; 3600 hp. e. Penn. Allis-C; 4800 hp. b. Heine, Edge; trans. volt. 11,000 v; trolley volt. 600 v.
Sub stas. at Buckland: 2-300 kw. 11,000 v. 3 ph. 25 cys. G. E. rot. conv. and 1-400 kw. 6 ph. West. rot. conv.; Unionville: 2-300 kw. 11,000 v. 3 ph. 25 cys. G. E. rot. conv.; Rockville: 2-400 kw. 11,000 v. 3 ph. 25 cys. G. E. rot. conv.
Power sta. at 70 Commerce St.; repair shops at Vernon St.
Reaches Luna Park.
189.422 miles; 4-8½ g; 329 motor pass. 15 fgt. motor, 7 fgt. without motors and 31 other cars. ★50

LEDYARD. 1,079.
(See No. 108.)

MERIDEN. 33,066.

100—The Connecticut Co. (Meriden Div.) (Connects Southington, Plantsville, Milldale, Cheshire, Meriden, So. Meriden, Tracy, Yalesville and Wallingford.) For general officers, see No. 103.
Supt.
Robert P. Lee...127 Pratt St., Meriden
M. M., C. S. Symonds " "
Roadmaster F. E. O'Neil " "
Energy from Berlin and Sta. A, New Haven, trans. volt. 11,000 v. Energy also purchased from Connecticut Light & Power Co., Waterbury.
Sub-sta. equip. 3-300 kw. 3 ph. 25 cys. G. E. rot. conv; trolley volt. 600 v.
Repair shops and car barns at 127 Pratt St., Meriden; sub-sta. at Hanover Park, Meriden.
Reaches and owns Hanover Park.
38.185 miles; 4-8½ g; 62 motor pass. 1 fgt. motor and 18 other cars. 50

MIDDLETOWN. 20,749.

101—The Connecticut Co.—(Middletown Div.)—(Connects Meriden, Middletown, Portland, Rockfall, Cromwell-Middlefield Center, Rocky Hill and Hartford.) For general officers see No. 103.
Supt. F. A. Hewett.....Middletown
Claim Agt. R. M. Marlowe.....Hartford
Ch. Engr. Pwr. Sta. A. E. Goodrich, Berlin
M. M., J. Booth.....Middletown
Gen. Track Foreman
F. E. O'Neil.....Meriden
Power sta. equip. 2 a. c. G. E. tot. 1700 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e. Bckye; 1500 hp. b. Ken; 2-200 kw. 3 ph. 25 cys. G. E. rot. conv; trans. volt. 11,000 v: trolley volt. 600 v. (This sta. serves Hartford, New Britain, Unionville, Berlin and Meriden Divisions.)
Sub sta. equip: 2-300 kw. 3 ph. 25 cys. G. E. rot. conv. & 1-300 kw. 3 ph. 25 cys. West. rot. conv. (1-400 kw. 6 ph. West being installed.)
Power sta. at Berlin; sub. sta. and repair shops at Middletown.
Reaches and owns Lake View Park.
33.431 miles; 4-8½ g; 38 motor pass. 2 fgt. motor, 1 fgt. without motor and 9 other cars. 50

MILFORD. 4,366.
(See No. 93.)

MYSTIC. 3,900.
(See No. 108.)

NEW BRITAIN. 55,000 (1918)

102—The Connecticut Co.—(New Britain Div.) Office, 38 Chestnut St. (Connects Kensington, Berlin, Plainville and New Britain.) For general officers see No. 103.
Supt. F. L. Beardsley.....New Britain
Claim Agt. R. M. Marlowe.....Hartford
M. M., Harry Connelly.....New Britain
Roadmaster F. E. O'Neil.....Meriden
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v. Some energy supplied from Berlin.
Repair shops at Chestnut St., New Britain.
33.485 miles; 4-8½ g; 50 motor pass. 1 fgt. motor, 3 fgt. without motors and 12 other cars. 50

NEW HAVEN. 149,685 (1916)
(See also Nos. 110, 450, 650, 736, 759 and 1133.)

103—The Connecticut Co.—Gen. office, 129 Church St. (Operates under agreement West Shore Ry. Co.) (Controlled by N. Y. N. H. & H. R. R.)
Pres. L. S. Storrs.....New Haven

V. Pres. & Gen. Mgr.
J. K. Punderford.....New Haven
Sec. & Gen. Traffic Agt.
Victor S. Curtis..... "
Treas. E. T. Chapman..... "
Comptr. I. A. May..... "
Pur. Agt. J. H. Sanford..... "
Ch. Engr. Pwr. & Equip.
P. W. Ripple..... "
Elec. & Sig. Engr. H. M. Gould "
Constr. Engr. Chas. R. Harte . "
Mech. Engr. A. C. Colby..... "
Total mileage and rolling stock equip: 722.88 miles; 4-8½ g; 1493 motor pass, 54 fgt. motor, 23 fgt. without motors and 256 other cars; 2 electric locos. ★50

104—The Connecticut Co. — (New Haven Div.) (Connects New Haven, West Haven, Woodmont, Derby, Ansonia, Cheshire, Wallingford, Branford and Stony Creek.) For general officers, see No. 103.
Mgr. F. P. Harlan.....New Haven
Supt. J. B. Judge..... "
Claim Agt. C. T. Matson..... "
Ch. Engr. L. A. Farnham... "
M. M., James E. Dooley..... "
Roadmaster, P. N. Wilson.. "
Power sta. equip. 10 d. c. G. E., C. W., West. tot. 6400 kw; 1 a. c. turbo-gen. West. 7500 kw. 11,000 v. 3 ph. 25 cys: 3 rot. conv. tot. 6000 kw; 7900 hp. e. Weth. Allis-C, Bckye; 5800 hp. b. Big-Hornsby, Wood; trans. volt. 11,000 v; trolley volt. 600 v.
Sub sta. equip.: 2-200 kw. G. E. rot. conv. 11,000 v. 3 ph. 25 cys.
Power stas. at 458 Grand Ave., and Elm & River Sts., West Haven; sub-sta. at North Haven; repair shops at 301 Grand Ave.
Reaches and owns Savin Rock Park.
178.584 miles: 4-8½ g; 431 motor pass; 26 fgt. mo., 11 fgt. cars without motors and 68 other cars. 50

105—The New York, New Haven & Hartford R. R.—Offices, New Haven, Boston and New York. (Co. operates by overhead trolley system main line from Woodlawn, N. Y., to Cedar Hill via Stamford (62.72 miles), Harlem River Branch (11.17 miles), New Canaan Branch (7.65 miles), Providence, Warren and Bristol Branch (22.82 miles), and during summer its line between Nantasket and Pemberton (6.95 miles.) (Enters New York City over tracks of New York Central.) (Co. has also electrified tunnel at Providence, R. I.) (Controls all elec. rys. operated by The Connecticut Co. in Conn; also controls Berkshire St. Ry. Co. (which leases The Vermont Co. and operates Hoosick Falls R. R. Co.), New York, Westchester & Boston Ry. Co., New York & Stamford Ry. Co. and Westchester St. R. R. Co. of White Plains.)
Pres. Edward J. Pearson.....New Haven
Chmn. Comm. Intercorporate Relations, Howard Elliott.....New York, N. Y.
V. Prests. { and Gen. Counsel, E. G. Buckland, New Haven; B. Campbell..... " "; A. P. Russell..Boston, Mass. and Gen. Mgr. C. L. Bardo....New Haven
Sec. Arthur E. Clark..... " "
Treas. Augustus S. May..... " "
Compt. Howard S. Palmer... " "
Asst. Sec'ys, { C. H. Hempstead "; W. H. Rowland "
Executive Asst. E. G. Riggs, Rm. 3840 Grand Central Terminal, New York, N.Y.
Audr. Revenue, A. Mackrille. New Haven
Gen. Supts. { W. H. Foster... "; C. N. Woodward Boston, Mass.; J. A. Droege, New York N.Y.
Asst. Gen. Supt.
R. D. Fitzmaurice.....Boston, Mass
Pur. Agt. Geo. G. Yeomans...New Haven
Gen. Pass. Agt. A. B. Smith.. "
Asst. Gen. Pass. Agt. F. C. Coley "
Gen. Fgt. Agt. L. H. Kentfield.. "
Fgt. Claim Agt.
J. A. Beahan.....Boston, Mass.
Actg. Elec. Engr.
S. Withington.....New Haven
Supt. of Elec. Trans. H. Gilliam..Cos Cob
Mech. Supts. { A. A. Harris.....New Haven; G. A. Moriarty.....Boston, Mass. Supt. of Shops A.L. Ralston..Van Nest, N. Y.
Mech. Ass't. W. L. Bean.....New Haven
Engr. of Tests. H. P. Haas ... "
Insptr. of Power Houses
B. F. Bardo..... "
Supt. C. H. Motsett..Harlem River, N. Y.
Ch. Engr. Edw. Gagel.....New Haven
Ch. Engr. Pwr. Plant
C. L. Peterson.....Cos Cob
M.M., S. R. Richards..Harlem River, N.Y.
Engr. of Structure
W. H. Moore.....New Haven
Sig. Engr. C. H. Morrison ... "
Maint Engr.
C. F. Yardley.....Harlem River, N.Y.
Power sta. equip. 8 a. c. West. tot. 35,510 kva. 11,000 v. s. ph. 25 cys; 16,080 hp. b. Bab. & W, Big-Hornsby; 34,000 kw. turb. (stm). Westg; trans. volt. 22,000 v; trolley volt. 11,000 v. a. c. catenary, s. ph. 25 cys. and 575 v. d. c. Energy also purchased from United Elec. Lt. & Pwr. Co., New York City.
Power sta. at Cos Cob, Conn.; repair shops at Stamford, New Haven and Van Nest.
450 miles 4-8½ g; (New York Div.) 27 mult. unit motor cars, 50 trailers and 106 electric locos; (Berlin-Middletown Br.) 5 motor cars; (P. W. & B. Br.) 34 motor cars; 25 trailers; (Nantasket Beach) 5 motor cars; 23 trailers. ★40

106—West Shore Ry. Co.—(Operated under agreement by The Connecticut Co.) (Connects West Haven and Woodmont.)
Pres. L. S. Storrs.....New Haven
Sec. Victor S. Curtis..... "
Treas. E. T. Chapman..... "
50

NEW LONDON. 20,985 (1916).
(See No. 108.)

106a—The Connecticut Co.—(New London Div.) (Formerly leased to The Shore Line Elec. Ry. Co.) (Consists of local lines in New London and Norwich, line from New London to Norwich, Williamantic and Coventry, also line from Norwich to Jewett City, Plainfield, Central Village, Danielson, Dayville, Putman and Grosvenordale.)
Dir. of Affairs,
Samuel Anderson.....New London
Supt. of Transp.,
Alfred D. Blake..... " "
Asst. Supt., J. R. Cooper... " "
Ch. Insp. of Lines,
Reuben B. Ladd..... " "
88.15 miles. ★50

NORWALK. 26,899 (1916)

107—The Connecticut Co.—(Norwalk Lines). Office, 10 High St. (Connects Stamford, Norwalk and Westport.) See New Haven for general officers.
Mgr. ——— .....Bridgeport
Supt. T. MacLean.....Norwalk
Claim Agt. A. B. Gould.....Bridgeport
M. M., A. C. Colby..... "
Roadmaster. M. E. Stark.... "
Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.
Controls Roton Point Park.
24.144 miles; 4-8½ g; 41 motor pass. and 9 other cars. 50

NORWICH. 28,219.

(See also No. 106a.)

108—The Shore Line Elec. Ry. Co.—Receiver appointed Oct. 1, 1919. Office, 362 Main St. (P. O. Box 477). (Operates an electric railway between New Haven, Stony Creek, Guilford, Madison, Clinton, Westbrook, Old Saybrook, Essex, Ivoryton Deep River and Chester. In 1916, purchased the following: Norwich & Westerly Traction Co., Westerly & Connecticut Ry. Co., Pawcatuck Valley St. Ry. Co and Ashaway & Westerly Ry. Co., connecting Norwich, Poquetanuck, Hallville, Preston, Ledyard, N. Stonington, Conn., and White Rock, Ashaway, Westerly, Watch Hill, Pleasant View, Atlantic Beach, and Weekapang, R. I., 33.15 miles; Groton & Stonington St. R. R. Co., connecting New London, Groton, Noank, Mystic, Stonington, Conn., and Westerly, R. I., 28 miles; New London & East Lyme St. Ry. Co., extending from New London to Waterford, Flanders to Ferry Road at Saybrook, East Lyme and Niantic, 25.7 miles.) (In 1917, The Shore Line Electric Railway Co. of Rhode Island was organized and has absorbed all rights possessed by Pawcatuck Valley St. Ry. Co., Ashaway & Westerly Ry. Co. and Westerly & Connecticut Ry. Co.)

Receiver & Pres.
R. W. Perkins .....Norwich
V. Pres. F. de C. Sullivan..... "
Sec. & Treas. A. E. Sherman.... "
Gen Audr. J. F. Sorensen ..... "
Supt. Transp. J. H. Cain ..... "
Gen. Fgt. & Pass. Agt.
D. C. Peck.....New London
Pur. Agt. H. D. Larrabee.....Norwich
M. M., John Mellor..... "
Supt. Way & Struct.
J. B. Whittemore..... "
Supt. Pwr. E. T. Phillips..... "
Gen. Line Supt.
J. H. Humphrey..... "

Power sta. equip. at Saybrook; 3 a. c. G. E. Allis C. tot. 3400 kw. 11,000 v. 3 ph. 25 cys; 1875 hp. b. Big; 4000 kw. turb. (stm.) G. E; trans. volt. 11,000 v; trolley volt. 1200 v. d. c.

Power sta. equip. at Thamesville (P. O. Norwich); 1 d. c. G. E. 800 kw; 2 a. c. Westg. tot. 2350 kw. 3 ph. 25 cys: 1000 hp. e. Prov, Westg; 1600 hp. b. Bab. & W, Edge; trans. volt 11,000 v; trolley volt. 550 v.

Pwr. sta. equip. at Hallville; 3 a. c. Westg. tot. 1200 kw. 3 ph. 25 cys; 1500 hp. e. Ham, Cor; 1250 hp. b. Frank; trans. volt. 16,000 v; trolley volt. 600 v.

Power sta. equip. at Mystic; 2 d. c. West. tot. 650 kw; 970 hp. e. C. & G. Cpr; 606 hp. b. Stir; trolley volt. 600 v.

Power stas. at Saybrook, Thamesville, Mystic and Hallville; sub-sta. at Saybrook; repair shops at Saybrook, Greenville, Oswegatchie, Mystic and Hallville.

Reaches Lincoln Park and Wequetequock Casino; owns Golden Spur Inn at East Lyme.

162.04 miles; 4-8½ g; (138.33 miles owned, 23.71 miles track rights); 180 motor pass. and 41 other motor cars; 8 other cars. ★50†

PLAINVILLE. 2,882.

(See No. 95.)

PUTNAM. 7,280.

(See No. 106a.)

SHELTON. 4,807.

(See No. 93.)

SOUTHINGTON. 6,516.

(See No. 100.)

SOUTHPORT. 1,479.

(See No. 93.)

STAMFORD. 30,384 (1916).

(See Nos. 93, 105 and 736.)

STONEY CREEK. 1,200.

(See Nos. 92, 104 and 108.)

STRATFORD. 5,712.

(See No. 93.)

SUFFIELD. 3,841.

(See No. 109.)

TORRINGTON. 18,018 (1916)

(See No. 96.)

WALLINGFORD. 11,155.

(See No. 100.)

WAREHOUSE POINT. 6,609.

109—Hartford & Springfield St. Ry. Co.—Office, Warehouse Point; Ex. office, 50 State St., Hartford, Conn. (Operates Windsor Locks Traction Co., Somers & Enfield Elec. Ry. Co. and Rockville, Broad Brook & East Windsor St. Ry. Co.) (Connects Springfield, Mass., Hartford, Warehouse Pt., Thompsonville, Hazardville, Somerville, Somers, Broad Brook, Ellington, Rockville, Suffield, Windsor Locks.)

Receiver, Harrison B. Freeman..Hartford
V. Pres. Thos. C. Perkins..... "
Gen. Mgr.
William Walker.....Warehouse Point
Treas. Geo. S. West.....Boston, Mass.
Asst. Treas. Lester E. Flint " "
Audr. A. W. Luce .....Hazardville
Claim Agt. Robt. F. Kelly..Thompsonville
Ch. Engr. Pwr. Sta.
R. H. Gessner.....Warehouse Point
M. M., John Pasquerilio..Thompsonville
Roadmaster,
James Furey.....Warehouse Point
Supt. Ovhd. Lines
Harry Frew.....Thompsonville
Ch. Disp. J. F. Hannon ...Warehouse Pt.

Power sta. equip. 3 d. c. G. E. C. W. tot. 1100 kw; 1800 hp. e. Weth, Cpr, Cor; 1000 hp. b. A. & T; trolley volt. 600 v.

Power sta. and repair shops at Warehouse Point.

Reaches Piney Ridge Park (owned).

48 miles; 4-8½ g; 41 motor pass. and 7 other cars. ★60

WATERBURY. 73,141.

110—The Connecticut Co.—(Waterbury Div.) Office, 57 N. Main St. (Connects Waterbury and New Haven via Cheshire; Waterbury and New Haven via Derby and Naugatuck; Middlebury and Woodbury, Thomaston and Watertown.) For general officers see No. 103.

Mgr. Chas. H. Chapman.....Waterbury
M. M., W. S. Dixon..... "
Roadmaster, T. D. McCarthy.. "
Engr. Ovhd. Constr. Geo. Pfurr "

Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.

Repair shops at W. Main St., Waterbury.

Reaches and owns Lake Quassapaug, Middlebury (controlled) and Lakewood Park (not controlled.)

84.914 miles; 4-8½ g; 151 motor pass, 4 fgt. motor and 28 service cars; 2 elec. locos. 50

111—Waterbury & Milldale Tramway Co.—Office, 144 Bank St. (Extends from Waterbury to Milldale, where connection is made with the Connecticut Co's. line for Meriden and New Britain.)

Pres. Chas. H. Clark.....Milldale

1st V. Pres. & Treas.
Richard Elliott.....Southington
Sec. & Gen. Mgr.
John H. Cassidy.....Waterbury
Purchases energy.
9.07 miles (7.685 miles owned, 1.385 miles track rights); 6 motor cars. 50

WEST HAVEN. 8,543.
(See Nos. 104 and 106.)

WESTPORT. 4,259.
(See No. 98.)

WILLIMANTIC. 12,670 (1916)
(See No. 106a.)

DELAWARE.

DELAWARE CITY. 1,132.
(See No. 112.)

NEW CASTLE. 3,351.

112—Wilmington, New Castle & Delaware City Ry. Co. (Consolidation of Wilmington, New Castle & Delaware City Ry. Co. and Wilmington Southern Traction Co.)—Office, 834 Market St., Wilmington. (Connects Delaware City, Riverside, Dobbinsville, New Castle and Wilmington.) (Controlled, through stock ownership, and leased by Wilmington & Philadelphia Trac. Co.)
Pres. Van Horn Ely,
1321 Walnut St., Philadelphia, Pa.
V. Pres. & Gen. Mgr.
T. W. Wilson.....Wilmington
Sec. & Treas. C. N. Ryan.... "
Audr. C. E. Yost..... "
Supt. Wm. A. Heindle..... "
Energy from Wilmington & Philadelphia Trac. Co.
17 miles; 5-2½ g; 14 motor and 4 other cars. 118

WILMINGTON. 94,265 (1916)
(See also Nos. 112, 205, 706, 981 and 982a.)

113—Wilmington & Philadelphia Trac. Co., The—Office, 834 Market St., Wilmington. (Owns all the stock of Southern Penn. Trac. Co., Chester & Eddystone St. Ry. Co., Wilmington, New Castle & Delaware City Ry. Co., Peoples Railway Co. and Wilmington Lt. & Pwr. Co., which last three companies it leases; also leases and operates the Wilmington City Ry. Co., Wilmington & Edgemoor Elec. Ry. Co., Gordon Heights Ry. Co., Front & Union St. Ry. Co. and Wilmington City Elec. Co., of which companies the United Pwr. & Transpt. Co., owns entire capital stock, directly or indirectly.) (Controls and operates through the above leases and through the Southern Penn. Traction Co all electric light and power business in the City of Wilmington and vicinity, and street railway lines in Wilmington, New Castle and Delaware City, Del., Chester and Media, Pa., and suburban lines connecting the above places with each other and with the City of Philadelphia, comprising a total of 136 miles of track.) (Controlled by The American Railways Co.)
Pres. Van Horn Ely
1321 Walnut St., Philadelphia, Pa.
1st V. Pres. & Gen. Mgr.
T. W. Wilson.....Wilmington
2nd V. Pres.
H. J. Crowley.....Philadelphia, Pa.
Sec. & Treas.
H. D. Anderson..... " "
Asst. Treas.
Frank J. Pryor.....Wilmington
Audr. C. E. Yost.....Wilmington
Supt. Ry. P. T. Reilly..... "
Pur. Agt. G. C. Weirick. Philadelphia, Pa.
Supt. Transpt.
H. H. Geiger.....Wilmington
Claim Agt. A. G. Jack.....Chester, Pa.
Elec. Engr., Supt. Lt. & Pwr. Dept.
F. H. Hensel.....Wilmington
Ch. Engr. Pwr. Sta.
Geo. T. Bromley..... "
M. M., J. L. Gould..... "
Engr. M. of W., Claude Bryan "
Power sta. equip. 3 d. c. G. E., tot. 2400 kw; 8 a. c. turbo gen. Allis-C., West. G. E. tot. 28,000 kva. 2300, 11,000 v. 3 ph. 60 cys; 2800 hp. e Weth; 9400 hp. b Edge; trans. volt. 11,000-2300v; trolley volt 600v.
7 sub-stas. tot. cap. 7067 kw; 10 rot. conv; 9 mo. gen. sets.
Power sta. and repair shops at Wilmington.
Reaches and owns Shellpot Park and Brandywine Springs Park.
141.802 miles (113.997 mi. 1st m. t; 18.596 mi. 2nd m. t; 9.209 mi. sid.); 5-2½ g; 211 motor pass., 98 trail pass., 4 motor freight, 1 trail freight, 26 motor service and 2 trail service cars.
★60

DISTRICT OF COLUMBIA.

WASHINGTON. 331,069.
(See also No. 391.)

114—The Capital Traction Co.—Office, 36th & M Sts., N. W. (Leases the Washington & Maryland Ry. Co.)
Pres. Geo. E. Hamilton.....Washington
V. Pres. D. S. Carll..... "
V. Pres. (in chge. oper.)
J. H. Hanna..... "
Sec. & Treas.
H. D. Crampton..... "
Asst. Sec. J. E. Heberle..... "
Asst. Treas. C. B. Koontz.... "
Pur. Agt. J. Fleming..... "
Ch. Engr. R. H. Dalgleish. "
Engr. Pwr. Sta.
A. H. Sparshott, Wisconsin Ave. & M St., N. W..... "
M. M., W. H. McCarty, 3223 M St., N. W..... "
Roadmaster, F. Morrill..... "
Power sta. equip. 4 d. c. G. E. tot. 2100 kw; 4 a. c. turbo gen. Westg. tot. 11,000 kva. 6600 v. 3 ph. 25 cys: 3000 hp. e E. P. Allis; 8445 hp. b. Bab. & W., A. & T.; trans. volt. 6600 v. trolley volt 550 v.
3 sub-stas. tot; cap. 11,750 kw; 11 rot. conv.
Power sta. at Wis. Ave. & Water St., N. W; repair shops at 3222 M St., N. W.
Reaches Chevy Chase Lake. Md.
64.09 miles owned (30.17 mi. 1st m. t., 26.18 mi. 2nd m. t., 7.74 mi. sid.); also 3.37 miles leased, 2.11 miles track rights. Total miles operated 61.55; 4-8½g; undgrd; 480 motor pass., 183 trail pass., 17 motor service and 30 trail service cars. (Company sells energy to railways.)
★60

115—East Washington Heights Trac. R. R. Co.—Office, 2500 Pennsylvania Ave., S. E. (Connects Randle Highlands with the National Capital and operates along Pennsylvania Ave.)
Pres. Arthur E. Randle. Randle Highlands.
V. Pres. & Gen. Mgr.
Oscar C. Brothers... "
Sec. & Treas.
John D. Harman, Jr. "
Energy purchased from Capital Trac. Co.
1 mile; 4-8½ g; 2 cars. 128

115a—Washington-Great Falls Ry. & Pwr. Co.—Office, 603 Hibbs Bldg.

(Extends from Bradley Lane and Wisconsin Ave. to Great Falls, Md.)
Pres. Gardner L. Boothe.....Washington
Sec., Treas. & Gen. Mgr.
J. C. Freeland..... "
Energy purchased from Washington & Rockville R. R. Co.
10.5 miles. 18

116—Washington-Interurban R.R. Co.—Office, 231-14th St., N. W. (Connects Washington, D. C., Cottage City, Bladensburg, E. Riverdale and E. Berwyn, Md.) (Controlled by Washington Ry. & Elec. Co.)
Pres. W. F. Ham.....Washington. D. C.
V. Pres. & Sec.
S. R. Bowen..... " "
Treas. Atwood M. Fisher " "
Asst. Sec. & Treas.
Wm. L. Clarke..... " "
Compt. A. G. Neal.... " "
Gen. Atty. J. S. Barbour " "
Supt. J. H. Stephens.. " "
Engr. Way & Structures
C. S. Kimball..... " "
M. M., R. D. Voshall
2411 P St., N. W. " "
Pur. Agt. R. W. Crowell " "
Energy purchased from Washington Ry. & Elec. Co.; trolley volt. 500 v.
Repair shops at 2411 P St., N. W.
8.03 miles; 4-8½ g; 1 motor pass car. 60

117—Washington & Maryland Ry. Co.—Office, 1413 H St., N. W. (Purchased franchise and assets of Baltimore & Washington Transit Co.) (Connects Takoma Park, Md. and Washington.) (Leased to The Capital Trac. Co.)
Pres. Chas. Selden, Jr .....Washington
V. Pres., Henry W. Williams
Fidelity Bldg., Baltimore, Md.
Sec. M M. Little.....Washington
Treas. N. M. Little..... "
Energy purchased from Washington Ry. & Elec. Co.; trans. volt. 6600 v; trolley volt 550 v; 1 rot. conv. G. E., 250 kw. 600 v. 3 ph. 25 cys; 3 transf. G. E.
Sub-sta. at Takoma Park, Md.
4 miles (3.5 mi. 1st m. t., 0.5 mi. sid.); 4-8½ g; 4 cars. 60

118—Washington & Old Dominion Railway—Office, 3506 M St., N. W., Washington. (Connects Washington D. C., Alexandria, Bluemont and Great Falls, Va.)
Pres. Colin H. Livingstone...Washington
V. Prests. { E. B. McLean .... "
Corcoran Thom... "
Sec. & Treas. A. K. Stratton.. "
Gen. Mgr. & Pur. Agt.
J. V. Davis..... "
Gen. Fgt. & Pass. Agt.
G. C. Baggett..... "
Comm. & Claim Atty.
S. C. Bumgarner..... "
Elec. Engr. H. W. Kidwell... "
Engr. Way & Structures
W. E. King..... "
Power sta. equip. 3 a. c. Westg. tot. 2500 kva. 900 v. 3 ph. 25 cys; 1500 hp. b. Bab. & W. Stir; trans. volt. 33,000 v; trolley volt. 650 v. Energy also purchased from Potomac Elec. Pwr. Co.
8 sub-stas. tot. cap. 3820 kw; 11 rot. conv., 1 mo. gen. set.
Power sta. and repair shops at Rosslyn, Va.
Reaches and owns Great Falls Park.
89 miles; 4-8½ g; 19 motor pass., 6 trail pass., 5 motor freight and 11 trail freight cars; 5 elec. locos. ★60

119 — Washington Ry. & Electric Co.—Office, 14th & C Sts. N. W. (Controls the following: City & Suburban Ry. of Washington (which owns Washington, Berwyn & Laurel Elec. Ry.), 41.42 miles; Georgetown & Tennallytown Ry. Co., 8.56 miles; Washington & Glen Echo R. R. Co.; Washington & Rockville R. R. Co., 11.5 miles; Washington, Woodside & Forest Glen Ry. & Power Co., 2.94 miles; Washington Interurban R. R. Co., 8.03 miles and Potomac Elec. Pwr. Co.)
Pres. W. F. Ham.....Washington
V. Prests. { Sec. S. R. Bowen "
Allen G. Hoyt. New York, N.Y.
Treas. Atwood M. Fisher,
231 14th St., N.W., Washington. D.C.
Asst. Sec. & Treas.
Wm. L. Clarke..... "
Compt. A. G. Neal..... "
Gen. Atty. John S. Barbour..... "
Supt. J. H. Stephens..... "
Engr. Way & Structures
C. S. Kimball..... "
Pur. Agt. R. W. Crowell..... "
Engrs. Pwr. Stas. { C. S. Wilson, Benning Pwr. Plant. J. W. Carroll, Washington, D. C.
M. M., R. D. Voshall...2411 P St., N. W.

POWER STA. EQUIP., 14th & B. Sts., N. W.—8 d. c. G. E. tot. 4850 kw; 6800 hp. e. McI. & S; 4950 hp. b. Bab. & W; trans. volt. 2300-220-110 v.

BENNINGS RD. STA. EQUIP.—7 a. c. G. E. tot. 87,000 kw. 3 ph. 25 cys; 20,100 hp. b. Bab. & W; 97,000 hp. turb (stm.) G. E; trans. volt. 13000 v; trolley volt. 600 v.
Power stas. at 14th and B Sts., N.W. & Bennings Road & Eastern Branch; repair shops at 2411 P St.
Reaches Glen Echo Park.
Furnishes energy for light, power and railway.
Washington Ry. & Elec. Co., 101.32 miles; tot. mileage operated 175.855 miles, 4-8½ g. of which 63.849 miles are underground and 112.006 miles overhead electric. 577 motor pass. 74 trail pass. and 33 service cars; 24 snow plows and sweepers; 2 elec. locos. ★5

121—Washington-Virginia Ry. Co.—Executive office, Hibbs Bldg.; operating office, 1202 Pennsylvania Ave. (Connects Washington, D. C., Alexandria, Mt. Vernon, Radio, Ballston, Falls Church, Dunn Loring, Nauck, Clarendon, Vienna, Fairfax, Arlington, Arlington National Cemetery and Ft. Myer, Va.)
Pres. Norman Grey...Washington, D. C.
V. Pres. David A. Howe..... "
Sec. Gardiner E. Boothe..... "
Treas. J. C. Freeland..... "
Gen. Mgr.
R. W. King...1202 Penna. Ave "
Claim Agt. Thos. H. Travers.... "
Civil Engr. C. A. Sinclair..... "
Elec. Engr. J. H. Stephens..... "
Gen. Supt. J. W. Rich..... "
Supt. Mt. Vernon Div. P. E. Clift "
M. M. Daniel Schum..Four Mile Run, Va.
Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 3 a. c. Westg. tot. 2000 kw. 3 ph. 25 cys; 1500 hp. e. Prov; 2000 kw. turb. (stm.) Westg; 2300 hp. b. Stir, Big; trans. volt. 6600 v; trolley volt. 600 v.
Sub-stas. at Arlington Junction, Alexandria, Lacey and Vienna; repair shops at Four-Mile Run and Lacey, Va.
Reaches Washington Luna Park.
63.36 miles; 4-8½ g; 41 motor and 38 other cars. 18

FLORIDA.

FERNANDINA. 3,482.

123—Fernandina Munic. Ry.—Office, 11th & Centre Sts, Fernandina. (Controls Old Amelia Beach Co. Road) (Connects Fernandina and Amelia Beach; operates during summer months only.)
Treas. H. P. Williams.....Fernandina
Gen. Mgr. & Supt.
C. H. Klotz..... "
City Clerk & Pur. Agt.
W. S. Whitney..... "
Ch. Engr. J. C. Rice..... "
Power sta. equip. 3 a. c. G. E. W. E. tot. 600 kva. 325 hp. e. Ball Wood, Skinr. 600 hp. b. Erie W. & W., 400 hp. stm. turb. Westg; trolley volt. 550 v.
1 sub-sta. cap. 200 kw.
Power sta. at cor. 11th & Centre Sts; repair shops at 13th & Beech sts.
Reaches Amelia Beach (owned).
2¼ miles; 4-8½ g; 2 motor pass. 3 other cars. (Co. does general ltg. and pwr. business in Fernandina.) ★10†

JACKSONVILLE. 66,850 (1915)

124—Jacksonville Traction Co.—Receiver appointed October 30, 1919. Gen. Office, Jacksonville; (Company does entire electric railway business in Jacksonville.)
Receiver E. J. Triay.....Jacksonville
Pres. Geo. J. Baldwin
120 Broadway, New York, N. Y
V. Prests. { Harry H. Hunt, 147 Milk St., Boston, Mass. Chas. F. W. Wetterer "
Treas. Henry B. Sawyer.... "
Mgr. Hardy Croom.....Jacksonville
Supt. C. E. Bostwick, Jr...Boston, Mass.
Pur. Agt. F. M. Martzall..... "
Claim Agt. J. S. Harrison.... "
Ch. Engr. Pwr. Sta.
W. N. Norris..... "
M. M., A. B. Bowman..... "
Engr. M. of W.,
Thos. R. Sannon..... "
Power sta. equip. 3 d. c. G. E. tot. 3200 kw; 4800 hp. e. Nord; 3120 hp. b. Edge; trolley volt 600 v.
1 sub-sta. cap. 500 kw; 1 mo. gen. set.
Power sta. at Riverside Ave. & Lelia St. repair shops at Riverside Ave. & McCoy St.
64.143 miles (43.256 mi. 1st m. t., 14.984 mi. 2nd m. t., 5.903 mi. sid.); 5 g.; 111 motor pass. 3 motor service and 4 trail service cars. ★70

KEY WEST. 19,945.

125—The Key West Elec. Co.—Gen. Mgrs., Stone & Webster, Inc., 147 Milk St., Boston, Mass.; local office, Duval and Green Sts., Key West. (Does the entire street railway and electric lighting and power business in Key West.)
Pres. Harry H Hunt.....Boston, Mass.
V. Pres.
Charles F. W. Wetterer " "
Sec. Victor D. Vickery... " "
Treas. Henry B. Sawyer.. " "
Mgr. Bascom L. Grooms.....Key West
Engr. Pwr. Sta.
Anthony Yates..... "
M. M. Otto Kirchheiner..... "
Power sta. equip. 2 d. c. Westg. Ft. W. tot. 290 kw; 5 a. c. Ft. W., Bull; G. E. tot. 880 kw. 2300 v; 2 ph. 60 cys. 1125 hp. oil e. Diesel; 450 hp. e. Ball; 600 hp. b. Ball: distrbn. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shops at Key West.
Reaches La Brisa Park.
5.41 miles owned (4.77 mi. 1st m. t., 0.64 mi. sid.); 5-2½ g; 9 motor pass. and 1 trail freight car. ★70

MIAMI. 28,000. (1917.)

126—Miami Traction Co.—Office, 214 12th St.
Pres. & Gen. Mgr. B. B. Tatum...Miami
V. Pres. J. H. Tatum..... "
Sec., J. R. Tatum..... "
Treas. S. M. Tatum..... "
Andr. E. L. Parke..... "
Supt. James Beers..... "
Power sta. equip. 2 d. c. G. E. tot. 40 kw; 60 hp. e. (oil) Muncie.
Power sta. and repair shops at Ave. U & 9th St.
Reaches and owns Tatum Park.
5 miles; 4-8½ g; 11 motor cars (storage battery system). (Rolling stock and power house destroyed by fire.) 119

MIAMI BEACH.

126a—Miami Beach Electric Co.—Office, Miami Beach. (Connects Miami Beach and Miami.)
Pres. Carl G. Fisher.....Miami Beach
V. Pres. Arthur C. Newby.. " "
Sec. & Treas. J. H. McDuffee " "
Audr. F. R. Humpage..... " "
Mgr. Ellis G. King..... " "
Power sta. equip. 2 a. c. G. E. tot. 1000 kva. 2300 v. 3 ph. 60 cys; 458 hp. b. Edge; 800 kva. stm. turb. G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. & repair shops on Causeway between Miami & Miami Beach.
Reaches 3 bathing beaches.
10 miles, 4-8½ g; 10 pass. cars. ★70

PENSACOLA. 31,500.

127—Pensacola Elec. Co.—Receiver appointed Jan. 26, 1920. Office, E. Garden St., Pensacola. (Does the entire electric railway business in Pensacola and owns the Escambia County Elec. Lt. & Pwr. Co., which company does the entire electric lighting and power business.) (Connects Warrington, U. S. Naval Air Station and Fort Barrancas.
Receiver, J. G. Holtzclaw....Pensacola
Pres. Geo. J. Baldwin,
120 Broadway, New York, N.Y.
V. Pres.
Charles F. W. Wetterer,
Boston, Mass.
Sec. Geo. A. Peirce..... " "
Treas. Henry B. Sawyer... " "
Asst. Treas.
W. B. Anderson..... Pensacola
Supts. { Transp. C. W. Edwards.....Pensacola; Distrbn. H. I. Shannon..... "
Pur. Agt. B. E. Millikan..... "
Claim Agt. C. L. Shine..... "
Ch. Engr. Pwr. Sta.
H. R. Sharpless..... "
M. M., H. F. Schuler..... "
Roadmaster, R. C. Willoughby "
Power sta. equip. 1 d. c. C.-W. 500 kw; 3 a. c. West. Allis-C. tot. 2300 kw. 2300 v. 3 ph. 60 cys; 670 hp. e. Cpr; 1600 hp. b. Heine; 2300 kw. stm. turb. West. Allis-C; 2 mo.-gen. sets. tot. 800 kw; trans. volt. 13,200 & 2300 v; trolley volt. 550 v.
Power sta. at Main & Tarragona Sts.; repair shops at Jackson & De Villier Sts.
Reaches and owns Palmetto Beach.
21.68 miles owned (18.89 mi. 1st m. t., 1.02 mi. 2nd m. t. and 1.77 mi. sid.) 4-8½ g; 34 motor pass., 11 trail pass., 2 motor freight, 5 trail freight, 1 motor service and 1 trail service car. ★60

ST. AUGUSTINE. 5,494.

128—St. Johns Elec. Co.—Office, Bay St., St. Augustine. (The St. Augustine & South Beach Ry. is part of this system, Connects St. Augustine with Anastasia South Beach and Chautauqua Beach.)
Pres. J. I. Mange.....New York, N. Y.
V. Pres. T. W. Moffat..... " "
Sec. & Treas. H. B. Brown.. " "
Audr. B. E. Dyson.....St. Augustine
Oper. Mgrs. The J. G. White Mgt. Corpn. 43 Exchange Pl., New York, N. Y.
Mgr. O. H. P. Fant.....St. Augustine
Ch. Engr. Pwr. Sta.
J. L. King..... "
M. M., Willis Andrew..... "
Power sta. equip. 1 d. c. Bull. 500 kw; 3 a. c. G. E. tot. 900 kw. 2300 v. 3 ph. 60 cys; 1611 hp. e. Allis-C, H. O. & R; 906 hp. b. Stir; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. & repair shops, St. Augustine.
Owns So. Beach and Chatauqua Beach.
10½ miles; 4-8½ g; 7 motor pass., 1 fgt. motor car; 1 fgt. car without motor. Company does general ltg. & pwr. business. ★50

ST. PETERSBURG. 7,186 (1915)

129a—St. Petersburg & Gulf Ry. Co.—Office, 5th and Central Aves., St. Petersburg. (Connects St. Petersburg, Gulfport, Davista, Southland Seminary and Big Bayou.)
Receiver, C. M. Allen.....St. Petersburg
Pres. Wm. C. McClure.....Peoria, Ill.
1st V. Pres. & Gen. Mgr. H. Walter Fuller
Real Estate Tr. Bldg., Philadelphia, Pa.
2d V. Pres. H. K. Heritage
Real Estate Tr. Bldg., " "
Sec. & Treas. J. D. Scanlon
Real Estate Tr. Bldg., " "
Audr. A. L. Mitchell.....St. Petersburg
Asst. Gen. Mgr.
Walter P. Fuller..... "
Supt. L. J. Wells..... "
Claim & Pur. Agt.
Edw. Morton, Jr..... "
M. M., Edw. Morton, Sr.... "
Supt. Constr. J. S. Wilder.. "
Engr. Ovhd. Constr.
Emmet McClung..... "
Energy purchased from St. Petersburg Elec. Lt. & Pwr. Co.; trolley volt. 600 v. d. c.
Repair shops at St. Petersburg.
Reaches Jungle, Big Bayou.
26.11 miles; 4-8½ g; 22 motor and 8 other cars. 59j

129b—St. Petersburg–Tampa Ry. (Will connect Tampa and St. Petersburg & suburbs.)
Pres. Geo. S. Gandy.....St. Petersburg
Sec. & Treas. A. L. Gandy " "
20 miles. Under construction. 78

TAMPA. 48,160.

130—Tampa Elec. Co.—Office, 810 Tampa St. (Purchased the Tampa & Sulphur Springs Traction Co.) (Does the entire electric railway and electric lighting and power business in Tampa and operates an electric railway between Tampa, Port Tampa and West Tampa.)
Pres. G. J. Baldwin
120 Broadway, New York, N. Y.
V. Prests. { Peter O. Knight.....Tampa
Charles F. W. Wetterer
147 Milk St., Boston, Mass.
Donald C. Jewett " "
Sec. George A. Peirce..... " "
Treas. Henry B. Sawyer... " "
Asst. Treas. F. D. Gwynn.....Tampa
Gen. Mgrs.
Stone & Webster, Inc....Boston, Mass.
Mgr. Thomas J. Hanlon, Jr.....Tampa
Pur. Agt. F. E. Fletcher..... "
Claim Agt. B. M. Harrison.....Tampa
Elec. Engr. Wayne Warfield..... "
Engr. Pwr. Sta. H. E. Harley..... "
M. M., E. T. Smith..... "
Engr. M. of W., T. C. Folsom..... "
Engr. Ovhd. Constr. E. H. Lucas. "
Power sta. equip. 1 d. c. G. E., 500 kw. 575 v; 6 a. c. West., G. E. Allis-C. tot. 14,600 kw. 2300 v. 2 ph. 60 cys; 1850 hp. e. Allis-C. Ham. Cor.; 3100 hp. b. Bab. & W.; 20,480 kw. stm. turb. West. Allis-C; 1400 hp. (wtr.) turb. McC.; trans. volt 6600 v; trolley volt. 575 v.
Power sta. and repair shops at Tampa. Reaches Ballast Point Park and Sulphur Springs.
58.66 miles owned (46.60 mi. 1st m. t., 1.93 mi. 2nd m. t. and 5.13 mi. sid.); 4-8½ g; 106* motor pass., 4 motor freight, 14 trail freight, 3 motor service and 2 trail service cars. *Includes 7 cars leased to Pensacola Elec. Co. ★60

GEORGIA.

ALBANY. 10,604 (1916)

131—Albany Transit Co.—Office, Abany.
Pres. C. W. Rawson... .....Albany
V. Pres. F. F. Putney..... "
*Sec., Treas. & Pur. Agt.
J. C. Fulford..... "
Power sta. equip. 2 d.c. G.E. tot. 300 kw.
Power sta. at Flint & Front Sts., Albany.
6 miles; 4-8½ g; 5 motor and 4 trail. cars. 59

ATHENS. 17,846 (1916)

132—Athens Ry. & Elec. Co.—Office, N. E. Cor. Hancock & College Aves. (Successor to Athens Elec. Ry. Co.) (Controlled by the Cities Service Co.)
Pres. & Gen. Mgr.
C. D. Flanigen..... Athens
1st V. Pres. F. W. Fruesuff
60 Wall St., New York, N. Y.
2nd V. Pres.
John E. Talmadge, Jr. " "
Sec. & Treas. J. M. Billing.....Athens
Supts. { Production, H. M. Hughes "
Distrbn. J. J. Fowler..... "
Transp. Robt. G. Davis... "
Gen. Engr. R. B. Hubbard..... "
Power sta. equip. 2 rot. conv. G. E, West. tot. 600 kw; 2 a. c. G. E, Allis-C. tot. 4350 kw. 3 ph. 60 cys; 2200 hp. b. Stir; 3500 kw. turb. stm. Westg, Allis-C, G. E; 7190 hp. turb. (wtr.) S. V. Co., Allis-C; trans. volt. 12,000 and 2300 v; trolley volt. 600 v.
Power stas. (hydro-elec.) 2¾ miles, 6½ and 11 miles from city. (Steam turbine sta. near city line.) Repair shops near city limits.
9.5 miles; 4-8½ g.; 16 motor cars, 2 other cars. Company furnishes lighting and power. 50

ATLANTA. 190,558 (1916)

133—Atlanta Northern Ry. Co.—Office, Elec. & Gas Bldg. (Connects Atlanta, Bolton, Smyrna and Marietta.) (Stock owned by the Georgia Ry. & Elec. Co.)
Pres. P. S. Arkwright.....Atlanta
V. Pres. & Mgr. Rys. W. H. Glenn "
Sec. G. W. Brine..... "
Treas. I. S. Mitchell, Jr..... "
Audr. H. Flynn..... "
Gen. Atty. F. E. Shumate..... "
Supt. Transp. S. E. Simmons.... "
Energy purchased from Ga. Ry. & Pwr. Co.; 2 rot. conv. West. tot. 1000 kw; trans. volt. 22,000 v. 3 ph. 25 cys: trolley volt. 600 v.
18 miles (15.2 owned & 2.8 leased); 4-8½ g; 6 motor pass., 2 trail pass. 2 other motor and 11 other cars. ★50†

134—Georgia Ry. & Pwr. Co.—Office, Elec. & Gas Bldg., Atlanta. (Connects Atlanta, Decatur, Clarkston, Stone Mountain, Bolton, Smyrna, Marietta, East Point, Hapeville, College Park, East Lake and Buckhead. In 1916, purchased property of Gainesville Ry. & Pwr. Co., operating in Gainesville and connecting Gainesville, New Holland and Chattahoochee Park. In addition to lines owned, operates under lease street railway in Atlanta and vicinity, owned by Georgia Ry. & Elec. Co., which company owns the stock of the Atlanta Northern Ry. Co.) (Controls the Carrollton Elec. Co., Suburban Gas & Elec. Co. and Atlanta Gas Lt. Co.)

Pres. P. S. Arkwright.....Atlanta
V. Prests. { Gen. Mgr. G.W. Brine " / W.H. Glenn..... "
Sec. W. H. Wright..... "
Treas. I. S. Mitchell, Jr..... "
Andr. H. Flynn..... "
Supt. Transpt. S. E. Simmons..... "
Asst. Supt. Transp.
Edward C. Grambling..... "
Gen. Claim Agt. L. F. Wynne.... "
Supt. Stm. Pwr. J. T. Chambers.. "
Supt. Wtr. Pwr. F. W. Hadley.... "
Supt. Transm. & Distrbn.
T. F. Johnson..... "
Supt. Optn. G. A. Iler..... "
Supt. Roadway, C. A. Smith..... "
M. M., J. E. Eaves..... "
Engr. Elec'l Dept. H. L. Wills.... "
Pub. Agt. J. F. Trazzare..... "

Power sta. equip. 4 d. c. West, G. E. tot. 4025 kw; 31 a. c. G. E, West, Ft. Wayne, Allis-C. tot. 92,880 kw. 440-2200 & 6600 v. 2 & 3 ph. 25 & 60 cys; 13,600 hp. e. (stm. & gas) H. F. & M., McI. & S, R. & S, Greene-Wheelock, Snow; 16,155 hp. b. Bab. & W, Cole; 14,500 kw. stm. turb. West, G. E; 111,900 hp. turb. wtr. Smith, Holyoke; trans. volt. 110,000-38,100-22,000-11,000 v; trolley volt. 600 v.

Power stas. (9): Atlanta (2 stm.), Tallulah Falls, Morgan Falls, Carrollton, Dunlap, Hartwell, Chestatee and Gainesville; energy also purchased from Central Ga. Pwr. Co., Tenn. Pwr. Co. and Columbus Pwr. Co.

Car shops at Boulevard & Virginia Ave., Atlanta, and Gainesville. Dept. Tests and Repairs, Boulevard & Virginia Ave., Atlanta and Gainesville.

Reaches Baseball Park (owned), two city parks, Piedmont and Grant, and fair grounds.

229.75 miles; 4-8½ g; 369 motor pass. 8 trail pass. and 24 other motor and 11 other cars. Company does a general lighting and power business in Atlanta and other cities in north Georgia. (Contemplates installing 12,000-kw. G. E. gen. and 18,000-hp. Smith wtr. turb. at Tallulah Falls Sta.) ★50†

AUGUSTA. 50,245 (1916)

135—Augusta-Aiken Ry. & Elec. Corp. of South Carolina.—Office, Lamar Bldg., Augusta, Ga. (Operates Augusta & Aiken Ry. Co. and controls Augusta Ry. & Elec. Co. and Georgia-Carolina Pwr. Co.) (Connects Augusta and Aiken, S. C.)

Pres. F. Q. Brown
31 Pine St., New York, N. Y.
V. Prests. { J. H. Pardee / 43 Exchange Pl., " / J. K. Choate.. " "
Sec. & Treas. D. H. Thomas
31 Pine St..... "
Asst. Sec. & Asst. Treas.
F. B. Culley.....Augusta
Oper. Mgrs. The J. G. White Mgt. Corpn.
43 Exchange Pl., New York, N.Y.
Gen. Mgr. Chas. S. Banghart, ...Augusta
Div. { City Div. W. Ford..... "
Supts. { Inter. Div. E. E. Mitchell "
Claim Agt. Geo. H. Conklin..... "
Pur. Agt. R. J. Morrison..... "
Supt. Elec. Dept. M. H. Hummel, Augusta
Roadmaster D. D. Bell..... "
Com. Agt. M. H. Hendee..... "

Power sta. equip. 3 d. c. G. E, & Bull tot. 1476 kw; 7 a. c. West. G. E. tot. 16,250 kva. 2300 v. 2 & 3 ph. 60 cys; 1248 hp. b. Casey Hedges; 2750 kw. turb. (stm.) G. E; 16,425 hp. turb. (wtr.) Morris, Stillwell; trans. volt. 44,000 v; trolley volt. 600 v. d. c.

4 sub-stas.; 4 rot conv; 2 mo.-gen. sets.

Power sta. at Stevens Creek; repair shops at 15th St., Augusta.

Owns Lake View and Piney Dell. Reaches May Allen and Renney Parks.

55 miles; 4-8½ g; 70 motor pass, 10 trail pass, 2 fgt. mo. and 11 service cars; 1 elec. loco. (Co. does general ltg. & pwr. business. Sells energy to The Carolina Lt. & Pwr. Co., Aiken, S. C.) ★50

BRUNSWICK. 10,182.

(See also No. 146.)

136—City & Suburban Ry. Co.—Office, 1525 Grant St., Brunswick. (Controlled by Brunswick Terminal & Railway Securities Co., New York, N. Y.)

Receivers { Pres. Samuel C. Steinhardt, 50 Broad St., New York, N.Y. / Gen. Mgr. Oliver Lisman, New York, N. Y.
V. Pres. Albert Fendig.....Brunswick
Sec. & Treas. Wm. Dunwody.. "
Audr. I. C. Moore..... "
Supt., Pur. Agt. & Roadmaster
J. M. Armstrong..... "
Claim Agt.
Oscar C. Johannessen..... "
Ch. Engr. Chas. M. Brown..... "
M. M., J. W. Renfro..... "
Engr. Ovhd. Constr.
John J. Farrell..... "

Energy purchased from Mutual Lt. & Wtr. Co.; trans. volt. 2300 v.

Repair shops at Brunswick.

Reaches two parks.

8.5 miles; 4-8½ g; 9 motor pass. and 5 trail pass. cars. ★50

COLLEGE PARK. 2,173.

(See No. 141.)

COLUMBUS. 25,950 (1916)

138—Columbus Elec. Co.—Gen. Office, of operating companies, Broad & 12th Sts., Columbus. (Owns all stock of Columbus R. R. Co. and Gas Lt. Co. of Columbus, also 1,213 shares of preferred stock and entire common stock of The Columbus Power Co. These companies do the entire electric railway, electric lighting, gas and power business in Columbus, Ga. and vicinity, Phoenix and Girard, Ala., and a wholesale power business in Columbus, West Point, Lanette, Lagrange, Hogansville, Trimble, Grantville, Moreland and Newnan.)

Pres. Charles F. W. Wetterer
147 Milk St., Boston, Mass.
V. Pres. Donald C. Jewett. "
Secy. George A. Peirce.... "
Treas. Henry B. Sawyer... "
Gen. Mgrs. Stone & Webster, Inc. "
Mgr. of Operating Cos.
R. M. Harding.....Columbus
★70

139—Columbus R. R. Co.—Gen. Office, Broad and 12th Sts., Columbus; executive office, 147 Milk St., Boston, Mass. (Connects Columbus, Ga., Phoenix City and Girard, Ala., and is controlled by the Columbus Elec. Co. Of the mileage mentioned below, five miles have been leased to the Seaboard Air Line.)

Pres. Harry H. Hunt.....Boston, Mass.
V. Pres. Geo. J. Baldwin,
120 Broadway, New York, N. Y.
Sec. George A. Pierce.....Boston, Mass.
Treas. Henry B. Sawyer.... "

Asst. Sec. & Asst. Treas.
L. H. Crowell.....Columbus
Gen. Mgrs. Stone & Webster, Boston, Mass.
Gen. Supt. R. M. Harding.....Columbus
Claim Agt. A. S. Bradley..... "
Pur. Agt. M. J. Fox..... "
Supt. Transp. J. C. Chandler ... "
M. M., E. D. Loper..... "
Roadmaster, W. B. Buchanan.. "
Energy purchased from The Columbus Pwr. Co.; trans. volt. 66,000-11,000 v; trolley volt 550 v.
Repair shops at 17th St. & 2d Av.
Controls Wildwood Park.
25.9 miles; 4-8½ g; 45 motor pass. and 4 other cars; 2 stm. locos, (leased to S. A. L. Ry.) 59

FAIRBURN. 1,395.

141 — Fairburn & Atlanta Ry. & Elec. Co.—Office, Fairburn, Ga. (Connects Fairburn, Union City, Red Oak and College Park.)
Pres. L. M. Hobgood.....Fairburn
V. Pres. W. H. McLarin..... "
Sec. Miss Lilly Eubanks..... "
Treas. C. R. Harvey..... "
Audr. James L. Respess..... "
Gen. Mgr. J. H. Cook..... "
Pur. Agt. & M. M. J. A. Hill.... "
Roadmaster, Chas. Vickery..... "
Repair shops at Fairburn.
Reaches Union City and College Park.
10.6 miles; 4-8½ g; 4 gasoline cars. 119

GAINESVILLE. 5,925.

(See No. 134.)

MACON. 52,525 (1920)

(See also No. 701a)

143—Macon Ry. & Lt. Co.—Office, Public Utilities Bldg., Macon. (Consolidation of all the railway and light companies in Macon.) (Controlled by Georgia Lt., Pwr. & Rys.)
Pres. W. H. Felton .....Macon
1st V. Pres. Philip G. Gossler
62 Cedar St., New York, N. Y.
2d V. Pres. L. S. Dure.....Macon
Sec. R. Frank Jones..... "
Treas. Gen. Mgr. & Ch. Engr.
L. A. Magraw..... "
Audr. N. M. Hudson ..... "
Supt. L. P. Jones..... "
Claim & Pur. Agt. S. W. Hatfield. "
Ch. Engr. Pwr. Sta. A. M. Howell. "
M. M., W. H. Whatley..... "
Engr. M. of W., B. R. Chestney.... "
Engr. Ovhd. Constr. J. W. Burch.. "
Pub. Agt. James McCardle..... "
Power sta. equip. (aux.) 1 d. c. G. E. 500 kw; 1 a. c. turb. gen. West. 1500 kw. 2300 v. 3 ph. 60 cys; 750 hp. e. Ham. Cor. 2240 hp. b. Bab. & W; trans. volt. 66,000 v; trolley volt. 590 v; energy also purchased from Central Georgia Pwr. Co.
1 sub-sta. cap. 4500 kw; 4 rot. conv. tot. 2300 kw.
Power sta. and repair shops at Ocmulgee & Franklin Sts.
Reaches Crump's, North Highlands, Rice's Mill and Ocmulgee Parks.
37 miles; 4-8½ g; 52 motor and 4 other cars. (Company furnishes lighting and power.) ★70

MARIETTA. 5,949.

(See No. 134.)

ROME. 15,120.

145—Rome Ry. & Lt. Co.—Office, 800 Broad St., Rome. (Connects Rome and Lindale.)
Pres. S. A. Culbertson....Louisville, Ky.
V. Pres. & Gen. Mgr. S. S. Bush "
Sec. & Treas. G. W. Lewis.. "
Gen. Supt. & Pur. Agt.
H. J. Arnold.....Rome
Elec. Engr. R. L. Maxwell..... "
Ch. Engr. Pwr. Sta. W. A. Ford.. "
M. M., W. H. Forward..... "
Power sta. equip. 2 a. c. turbo gen. G. E. tot. 1250 kw. 3 ph. 60 cys; 1000 hp. b. Stir. Vogt; 1500 kw. wtr. wh; trans. volt. 2300 v: trolley volt. 600 v. Has connections with Georgia Ry. & Pwr. Co.
Power sta. and repair shops, Rome.
12 miles; 4-8½ g; 22 motor cars and 1 other car. Company does general ltg. & pwr. business. ★50

SAVANNAH. 68,805 (1916)

147—Savannah Elec. Co.—Office, Bay & Whitaker Sts. (Controls Chatham County Tract. Co.) (Does the entire electric railway and greater part of electric lighting and power business in Savannah.) (Connects Port Wentworth and Savannah.) Guarantees principal, interest and sinking fund payments on notes of Savannah Pwr. Co. (operated under lease) which company owns Riverside Power Station at Savannah, cap. 10,000 kw.
Receiver, H. C. Foos.....Savannah
Pres. G. Geo. Baldwin,
120 Broadway, New York, N. Y.
V. Prests. { Harry H. Hunt, 147 Milk St., Boston, Mass. / Chas. F. W. Wetherer "
Sec. & Asst. Treas.
Lionel E. Drew.....Savannah
Treas. Henry B. Sawyer
147 Milk St., Boston, Mass.
Gen. Mgrs. Stone & Webster, Inc. "
Mgr. R. C. Brooks.....Savannah
Cl. Agt. A. F. Solms..... "
Ch. Engr. J. G. Brown..... "
Engr. Pwr. Sta. J. W. Atkins.. "
M. M., A. P. Brooks..... "
Roadmaster, W. G. Stuart..... "
Power stas. equip. 8 d. c. G. E. tot. 4760 kw; 4 a. c. turbo. gen. G. E. Westg. Allis-C. tot. 11,500 kva. 2300 v. 2 ph. 60 cys; 1200 hp. e. Cpr-Cor: 5425 hp. b. Bab & W., Stir. trans. volt. 2300 v. 2 ph. & 13,200 v. 3 ph; trolley volt. 600 v. d. c.
2 sub-stas. tot. cap. 1850 kw; 4 mo. gen. sets.
Power sta. at Indian & Ann Sts. (cap. 2300 kw.); repair shops at Gwinnett & Ott Sts.
Reaches & owns Casino Park and leases Lincoln Park.
57.72 miles owned (42.02 mi. 1st m. t., 13.69 mi. 2nd m. t., 2.01 mi. sid.); also 4.98 miles leased. Total miles operated 60.46; 5 g; 71 motor pass., 9 trail pass., 1 motor freight, 10 trail freight, 8 motor service and 1 trail service car. ★50

VALDOSTA. 7,656.

148—Valdosta St. Ry. Co.—Address, Valdosta.
Pres. Mrs. W. S. West.....Valdosta
1st V. Pres. A. H. West..Jacksonville, Fla.
Sec. Fred W. Hoyt ..... "
Treas, Gen. Mgr. & Pur. Agt.
T. J. Christie. .....Valdosta
Audr. Albert H. Marsh.....Augusta
M. M., W. H. Watley .....Valdosta
Power from Valdosta Ltg. Co.; trolley volt. 550 v.
Repair shops at Pine Park.
Reaches Pine Park (owned).
5 miles; 4-8½ g; 6 motor pass. cars. 59

WEST POINT. 1,906.

150—Chattahoochee Valley Ry. Co.—Office, West Point. (Steam road) Operates storage battery cars from West Point to Standing Rock and Bleecker, Ala.) Connects Lanett, Shawmut, Langdale, Fairfax and Riverview.)

Pres. Geo. H. Lanier.....West Point
V. Pres. R. C. Freeman..... "
Sec. & Treas. H. S. Sears..Boston, Mass.
Audr. & Claim Agt.
Hubert Cumbee.....West Point
Gen. Mgr. C. E. Wright..... "
Supt. W. T. Edmonds..... "
M. M., Joe R. Foster..... "
Gen. Equip. Insp.
J. J. Anderson..... "
45 miles; 4-8½ g; 2 motor pass, 5 trail pass. and 12 trail freight cars.
★50

HAWAII.

HONOLULU. 52,183.

151 — Honolulu Rapid Transit & Land Co.—Office, 1133 Alapai St.
Pres. L. T. Peck.....Honolulu
1st V. Pres. L. A. Thurston..... "
2d V. Pres. G. P. Castle..... "
Sec. A. L. Castle..... "
Treas. C. H. Atherton..... "
Audr. W. M. Graham..... "
Gen. Mgr., Pur. & Claim Agt.
H. S. Johnson..... "
Supt. Transpt. Alex. Pratt..... "
Ch. Engr Pwr. Sta.
Robt. Menaugh..... "
Roadmaster, R. M. Duncan..... "
Power sta. equip. 4 d. c. West. G. E. tot. 1900 kw; 1900 hp. e. H. O. & R; 1590 hp.b. Stir, Bab. & W; trolley volt. 575 v.
Power sta.and repair shops at Alapai St.
Reaches Aquarium and Kapiolani Park.
30 miles; 4 g; 63 motor and 19 other cars. 119

IDAHO.

AVERY.

(See No. 175.)

BOISE. 33,846 (1916)

152 — Boise Railway Co., (Successor to Boise Railroad Co., Ltd.) (Operates local lines.) (Sold to S. F. Watts of Independence, who will improve and restore the property.)
Energy purchased.
Repair shops at Warm Springs Ave.
Reaches Natatorium and White City Park.
8 miles; 4-8½ g; 10 motor and 2 other cars. 69j

153—Boise Valley Trac. Co. (Successor to Idaho Trac. Co.)—7th and Bannock Sts. (Connects Boise, Eagle, Star, Middleton, Caldwell, Nampa and Meridian.)
Pres. E. H. Dewey.....Nampa
V. Pres. W. R. Putnam .....Boise
Sec. & Atty. C. F. Ward..... "
Treas. & Audr. A. E. Janssen..... "
Gen. Mgr. H. E. Dalton..... "
Pur. Agt. George E. Barnard..... "
Claim Agt. E. C. Kiersted..... "
Ch. Disp. W. E. Stroup..... "
Gen. Fgt. & Pass. Agt.
C. Anderson..... "
Ch. Engr. & Elec. Engr.
W. H. Trenner..... "
M. M., C. H. Musgrove..... "
Roadmaster Bruce Bloom..... "
Eng. Ovhd. Const. J. T. Ensign..... "
Energy purchased from the Idaho Pwr. Co.
Repair shops at Boise.
88.3 miles; 4-8½ g; 24 motor pass., 4 fgt. motor and 22 fgt. cars without motors. ★60

CALDWELL, 3,543.

154—Caldwell Traction Co., Ltd.—Office, Caldwell. Connects McNeil Caldwell and Houston.
Pres. Treas. & Gen. Mgr.
W. R. Sebree.....Caldwell
V. Pres. Howard Sebree..... "
Sec. W. A. Stone..... "
Asst. Gen. Mgr. C. D. Purkhiser.. "
M. M., H. E. Meek..... "
Roadmaster, Ira Piper..... "
Energy purchased from Idaho Pwr. Co.: 2200 v. 3 ph. 60 cys; trans. volt. 11,000 v; trolley volt. 600 v.
2 sub-stas. tot. cap. 350 kw. 2 mo. gen. sets.
Repair shops at Caldwell.
11 miles 4-8½ g; 3 motor pass., 2 fgt. mo., 2 trail and 2 fgt. cars without motors. ★50

CŒUR D'ALENE. 7,291.

155—Spokane & Inland Empire R. R. Co.— For officers see Spokane, Wash.
Repair shops at Spokane, Wash.
Reaches Blackwell Park, Coeur d'Alene City Park and Liberty Lake Park.
58 miles (electric and steam); 4-8½ g; 18 electric, 70 steam cars and 2 locos. Carries U. S. mail. 118

LEWISTON. 6,043.

(See No. 1165.)

NAMPA. 4,205.

(See No. 153.)

PRESTON. 2,110.

(See No. 1127.)

ILLINOIS.

ALTON. 22,874 (1916).

158—Alton & Eastern Elec. Ry.—Office City Hall Bldg. (Will extend from City of Alton to State Hospital for Insane east of Alton. and will connect with and be operated by Alton, Granite & St. Louis Trac. Co.)
Pres. L. C. Haynes
7 Collinsville Ave., East St. Louis
Sec. and Treas. T. W. Gregory
7 Collinsville Ave., East St. Louis
Will purchase energy.
6,420 feet; 4-8½ g.
(Under construction). ★50

159 — Alton, Granite & St. Louis Traction Co.—Gen. Office, City Hall Bl g., Alton. (Operates in Alton and connects St. Louis and E. St. Louis with Madison, Granite City, Mitchell, Venice, Wood River, Alton, Edwardsville and Brooklyn.) (Controlled by The E. St. Louis & Suburban Co.)
Pres. W. H. Sawyer.....East St. Louis
V. Pres. L. C. Haynes..... " "
Sec. G. L. Estabrook..... " "
Asst. Sec. & Asst. Treas.
T. W. Gregory.....East St. Louis
Treas. C. A. Caldwell.....Alton
Audr. F. L. Rearden.....East St. Louis
Gen. Mgr. D. E. Parsons...East St. Louis
Mgr. Alton District, R. F. Allen....Alton
Gen. Supt. W. C. Myers....East St. Louis
Claim Agt. Trevor C. Neilson " "
Pur. Agt. Roy G. Goss..... " "
Ch. Engr. G. W. Welsh..... " "
Engr. M. of W., H. Clay Baker " "
Roadmaster John A. Roach.. " "
Supt. Elec. Distr. T. H. Ness. " "
Energy purchased from E. St. Louis & Suburban Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Alton and Granite City.
Reaches Horseshoe Lake and Long Lake and Eagle Park.
63.012 miles; 4-8½ g; 55 motor and 3 other cars. ★60

ANNA. 2,809.

(See also No. 223.)

161 — Central Illinois Public Service Co.—(Connects Anna and Jonesboro, Ill.; reaches Southern Illinois Hospital for Insane.) For executive officers see Mattoon.
Local Supt. W. M. Perrine.....Anna
Energy from Electric Utility Div. of C. I. P. S. Co.; trolley volt. 550 v.
4.23 miles; 4-8½ g; 4 cars. 60

AURORA. 34,304 (1916).

(See also No. 216.)

162—The Aurora, Elgin & Chicago R. R. Co. — General office, Aurora (Controls the Aurora, Elgin & Chicago Ry. Co., Elgin, Aurora & Southern Trac. Co. and Chicago, Wheaton & Western Ry. Co. (merged). (Connects Chicago, Maywood, Elmhurst, Lombard, Glen Ellyn, Wheaton, Aurora, Elgin, W. Chicago, Batavia, St. Charles, Geneva, Oswego, Yorkville, Dundee and Carpentersville.)
Receiver, Joseph K. Choate
V. P., J. G. White Mngment Corp.
43 Exchange Place, New York, N. Y.
Gen. Mgr. for Recvr.
Edwin C. Faber..... .....Aurora
Att'y for Recvr. B. P. Alschuler.. "
Ass't. Gen. Mgr. E. F. Gould..... "
Audr. C. A. Whonsetler..... "
Supt. Transpt. C. J. Jones..... "
Pur. Agt. C. J. Nelson..... "
Claim Agt. C. H. Pegler..... "
Safety Supvr. H. B. Adams..... "
Gen. Fgt. & Pass. Agt.
Richard Breckinridge,
310 So. 5th Ave., Chicago
Ch. Engr. Power Sta.
C. A. Crytser.....Batavia
M. M., J. H. McCarron.....Wheaton
Roadmasters — 3rd Rail Div. Jno. Carlson.. "; Fox River Div. J. L. Brewer....Aurora
Asst. Engr. M. of W., S. J. Steiner "
Engr. Ovhd. Constr.
S. E. Johnson..... "
Div. Supts. — A. H. Favreau, (Chicago Div.) Wheaton; T. C. Curtis.....Aurora; J. W. Gunderson.....Elgin
Power sta. equip. 6 a. c. G. E. tot. 16,800 kw. 2800 v. 3 ph. 25 cys; 10,000 hp. c. Cooper; 8000 hp. b. Edge; 10,800 kw. stm. turb. G. E; trans. volt. 26,400 v; trolley volt. 600 v.
Power sta. at Batavia; repair shops and car barns at Wheaton, Aurora and Elgin.
Reaches Glenwood and Fox River Parks.
170 miles (3d rail and trolley); 4-8½ g; 132 motor and 100 other cars, 4 snow plows and sweepers and 1 elec. loco. (Company does lighting and power business in Elgin and sells energy to Chicago, Aurora & De Kalb R. R. and Elgin & Belvidere Elec. Co.) ★50

163—Chicago, Aurora & De Kalb R. R.—Office, Plum St. (Connects Aurora, Kaneville, Maple Park, Cortland and De Kalb.)
Receiver. Harvey Gunsul.... ....Aurora
Pres. A. R. Evans..... "
V. Pres. C. E. Lovell.....Kaneville
Sec. A. J. Erlenborn.....Aurora
Treas. G. A. Fauth..... "
Audr. G. E. Troll..... ..... "
Gen. Fgt. & Pass. Agt.
L. Blakinger..... "
M. M., J. Basvior..... "
Energy purchased from Aurora, Elgin & Chicago R. R. Co.; trans. volt. 26,400v; trolley volt. 600 v.
Repair shops at Aurora.
Reaches Bliss Park.
30.20 miles; 4-8½ g; 4 motor and 10 other cars. ★50

164 — Fox & Illinois Union Ry.— Office, 229 Coulter Block, Aurora. (Connects Lisbon Center, Morris, Yorkville, Central, Kentland and Saratoga.)
Pres. A. R. Evans.....Aurora
V. Pres. Henry Herbert Evans.... "
Gen. Mgr. & Pur. Agt.
W. C. Miller.....Yorkville
Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 600 v.
Power sub-sta at Lisbon Center; repair shops at Yorkville.
20 miles; 4-8½ g; 2 mo. pass. and 1 fgt. mo. car. 50

BELLEVILLE. 21,149.

(See No. 201.)

BELVIDERE. 7,253.

(See No. 181.)

BLOOMINGTON. 28,638 (1920).

165—Bloomington & Normal Ry. & Lt. Co.—Office, 218 W. Jefferson St. (A consolidation of the Bloomington and Normal Ry., Elec. & Htg. Co., and Consumer Lt. & Ht. Co.) (Connects Bloomington & Normal.) (Part of Illinois Traction System.)
Pres. Wm. B. McKinley.....Champaign
V. Pres. H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Audr. E. O. Rugless.....Bloomington
Gen. Supt. D. W. Snyder, Jr.. "
Claim Agt. E. J. Gottschalk.. "
Supt. Trans. C. L. Richards. "
Supt. of Track E. L. Meece.. "
Ch. Engr. A. C. Salzman.... "
M. M., C. H. Robinson..... "
Oper. Engr. D. G. Wallace.. "
Power sta. equip. (See under Illinois Trac. System, Peoria.)
Power sta. at So. West St.; repair shop at No. Park St.
Reaches Houghton Lake and Mille Park.
22 miles; 4-8½ g; 33 cars. (Company does ltg. & pwr. business in Gridley, El Paso, Chenoa, Morton, Tremont and Lexington.) 50

CAIRO. 15,794 (1916).

166—Cairo Ry. & Lt. System.—(Including Cairo Elec. & Trac. Co., Cairo City Gas Co., and Cairo & St. Louis R. R. Co.) (Connects Cairo, Mound City and Mounds.) (Part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. & Gen. Mgr.
H. E. Chubbuck..... .....Peoria
Sec. Edw. Woodman.....Portland, Me.
Asst. Treas. G. R. McComb "
Audr. B. E Bramble,.....Champaign
Gen. Supt. E. A. Roehry .....Cairo
Pur. Agt. H. J. Vance.....Peoria
Supt. Transp. J. M. Davidge.....Cairo
Ch. Engr. Pwr. Station
H. E. Whipple.....Peoria
M. M.. & Engr. F. T. Eagan.....Cairo
Roadmaster, O. Smothers..... "
Power sta. equip. 2 d. c. W. E., S. & H. tot. 1000 kw. 600 v.; 3 a. c. G. E. West. tot. 3300 kw. 2300 v. 3 ph. 60 cys; 2250 hp. e. Erie, Ham; 1940 hp. b. Stir, Bab. & W; 750 hp. turb. (stm.) G. E; trans. volt. 2300-16,500 v; trolley volt. 500 v.
Power sta. and repair shops at 38th & Sycamore Sts.
22 miles; 4-8½ g; 27 motor and 5 other cars. Company does lighting and pwr. business. ★50

CANTON. 13,262 (1916)

167—Illinois Central Elec. Ry.—Office, Canton. (Connects Fairview, Norris, Brereton, Canton, St. David, Bryant, Lewistown, and Farmington.)
Pres. S. A. Drake ..... Canton
V. Pres. M. W. Rafferty ..... "
2d V. Pres. J. V. Brokaw ..... "
Sec. W. D. Plattenburg ..... "
Treas. E. A. Heald ..... "
Gen. Mgr. & Pur. Agt.
T. W. Shelton ..... "
Ch. Engr. G. W. Chandler ..... "
M. M. John Slater ..... "
Energy purchased from Canton Gas & Elec. Co.; trans. volt. 13,000 v; trolley volt. 600 v.
2 sub-stas; 2 rot. conv.
33 miles; 4-8½ g; 6 motor pass., 1 work and 2 fgt. cars. 50

CARTERVILLE. 2,971.

(See No. 222.)

CENTRALIA. 11,538 (1916).

168—Centralia & Central City Trac. Co.—Office, 108 So. Walnut St. (Connects Central City and Centralia.)
Pres. Max Prill ..... Centralia
V. Pres. & Gen. Mgr.
Max H. Prill ..... "
Sec. & Treas. John Langenfeld .. "
Energy purchased from Centralia Gas & Elec. Co.
Repair shops at 511 N. Elm. St.
Owns White City Park (42 acres).
3.5 miles; 4-8½ g; 4 motor and 3 other cars. 118

169—Centralia Traction Co.—Office, 108 South Walnut St. (A suburban line extending from Centralia to the Village of Wamac. Connects with Centralia & Central City Trac. Co.)
Pres. John Langenfeld ..... Centralia
V. Pres. Martin Beck ..... "
Sec. & Treas. Max Prill ..... "
Gen. Mgr. Max H. Prill ..... "
Energy purchased from Centralia Gas & Elec. Co.
3.75 miles; 4-8½ g; 8 motor and 1 other car. 50

CHAMPAIGN. 14,508 (1916).

170—Urbana & Champaign Ry., Gas & Elec. Co. (Part of Illinois Trac. System.)
Pres. Wm. B. McKinley ..... Champaign
V. Pres. Exec. H. E. Chubbuck .... Peoria
Sec. Chas. Zilly ..... Champaign
Treas. Geo. M. Mattis ..... "
Gen. Audr. C. B. Barnhart ... "
Supt. F. W. Bedard ..... "
Asst. Supt. & Audr. Jas. R. Wood "
Cl. Agt. G. R. Whitmore ..... Peoria
Pur. Agt. H. J. Vance ..... "
Elec. Engr. J. D. McKee ..... Champaign
Ch. Engr. Pwr. Sta.
Fred. Helmlicker ..... "
M. M., John Key ..... "
Roadmaster, Wm. Casey ..... "
Power sta. equip. 2 d. c. Bull., G. E. tot. 1000 kw; 3 a. c. West, Allis-C., G. E. tot. 3040 kw. 2300 v. 3 ph. 60 cys; 4500 hp. e. Fulton, Rns., Allis-C; 4000 hp. b. Bab. & W. Oil City; 1575 kw. turb. (stm.) G. E, West; trans. volt. 15,000 v; trolley volt. 600 v.
Pwr. sta. and repair shops at N. Hickory St.
12.5 miles; 4-8½ g; 15 motor and 4 other cars. Co. does general ltg. & pwr. business. ★50

CHARLESTON. 5,884.

(See also Nos. 223 and 224.)

171—Central Illinois Public Service Co.—See Mattoon, Ill.
Trolley volt. 575 v.; repair shops at Mattoon.
Reaches Fair Grounds and Chautauqua Park.
1.75 miles; 4-8½ g; 2 motor cars. 60

CHICAGO. 2,497,722. (1916.)

(See also Nos. 194, 207, 217, 237, 246, 283, 556, and 1062.)

172—Calumet & South Chicago Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.) (Connects Chicago, Ill., with Hammond, Whiting and East Chicago, Ind., via the H. W. & E. C. Ry.)
Pres. Leonard A. Busby ..... Chicago
V. Pres. W. W. Crawford ..... "
Sec. & Treas. F. D. Hoffmann ... "
Audr. Jno. J. Duck ..... "
Energy purchased from Commonwealth Edison Co; trans. volt. 6600 v; trolley volt. 550 v.
Sub-stas. at 77th St. & So. Chgo. Ave. (2-1000 kw. rotaries); 93d St. & So. Chgo. Ave. (3-1000 kw. rotaries) and 109th St. & Michigan Ave. (2-1000 kw. rotaries); tot. cap. 7000 kw.
Reaches Jackson and Calumet Parks, So. Chicago Ball Park, Chicago and Douglas Parks in Hammond, Manhattan Beach on Lake Michigan and White City.
125.79 miles; 4-8½ g.; 56 motor cars. (Company sells energy to Hammond, Whiting & E. Chicago Ry.) ★50

173—Chicago City Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (System covers South Side lines. Operated by Chicago Surface Lines.)
Chmn. Ex. Comm. & Pres.
Leonard A. Busby ..... Chicago
V. Pres. & Ch. Engr. H. B. Fleming "
Sec. & Treas. F. D. Hoffmann .. "
Audr. Jno. J. Duck ..... "
Energy purchased from Commonwealth Edison Co.; trans. volt. 9000 v; trolley volt. 550 v.
Sub-sta. at 20th & Dearborn Sts. (2-1000 kw. and 5-2000 kw. rotaries); 63rd St. & Wentworth Ave. (3-1000 kw. and 4-2000 kw. rotaries); 42nd St. & Wabash Ave. (5-2000 kw. rotaries); 48th & Honore Sts. (4-2000 kw. rotaries), 82nd & Halsted Sts. (2-4000 kw. rotaries); 44nd St. & Kedzie Ave. (1-4000 kw. rotary) and Plymouth Ct. & Van Buren St. (2-1200 kw. rotaries); tot. cap. 55,400 kw; has 3,275 kw. cap. in storage batteries.
Repair shops at 78th St. & Vincennes Ave.
Reaches Jackson, Washington, Marquette, McKinley, Sherman, Ogden & Hamilton City Parks, White City, Edelweiss Gardens (amusements); American League and other base ball parks and various beaches along Lake Michigan.
349.87 miles (including Southern St. Ry. Co.); 4-8½ g; 1207 motor cars. ★50

174—Chicago & Interurban Trac. Co.—Office, 88th St. and Vincennes Ave. (Connects Chicago at 63rd St., with Blue Island, Harvey, Franklin, Glenwood, Chicago Hgts., Steger, Crete, Monee, Peotone, Manteno, Tucker, Bradley and Kankakee.)
Pres. Britton I Budd.
72 W. Adams St., Chicago
Asst. to Pres. Edw. J. Blair ..... "
Sec. & Treas. W W. Crawford
105 S. La Salle St., "
Audr. W. W. Hill " "
Audr. T. B. Mac Rae
72 W. Adams St., "
Gen. Supt. John Whitsell ..... "
Pur. Agt. E. E. Kretschmer
72 W. Adams St., "

Claim & Gen. Fgt. Agt.
Chas. Oldenburg.....Chicago
M. M., E. P. Doyle..... "
Eng. M. of W., B. Carroll..... "
Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 600 v.
6 sub-stas. (1 with auto control) tot. cap. 2800 kw.
Repair shops at 86th St. and Vincennes Ave.
Reaches Calumet Grove and Parks at Blue Island and Kankakee, Oakdell and Electric Parks.
52.67 miles; 4-8½ g; 26 motor and 3 other cars. (Company does lighting.) ★50

175 — Chicago, Milwaukee & St. Paul Ry. Co. (Rocky Mountain. Missoula & Coast Divisions.)—Offices, Railway Exchange Bldg., Chicago; 42 Broadway, New York, N.Y., and White Bldg., Seattle, Wash. (Electric zone includes two operating divisions in Montana and Idaho as follows: Harlowton to Deer Lodge, Deer Lodge to Avery, Idaho, a total route mileage of 437.6.)
Pres. H. E. Byram.....Chicago
V. Prests. { B. B. Greer..... "
H.B.Earling, 611 White Bldg., Seattle, Wash.
Sec. E. W. Adams, Majestic Bldg., Milwaukee, Wis.
Treas. A. G. Loomis.....Chicago
Compt. G. J. Bunting..... "
Gen. Mgr. M. Nicholson, 635 White Bldg., Seattle, Wash.
Supts. { J. P. Phelan..Deer Lodge, Mont.
F. C. Don.....Tacoma, Wash.
Asst. Pur. Agt. G. F. Wilder, White Bldg., Seattle, Wash.
Asst. Traf. Mgr. J. R. Veitch " "
Asst. Ch. Mgr. R. Middleton " "
Elec. Engr. R. Beeuwkes, 306 O. W. Pass Sts., " "
Signal Engr. J. C. Mill..Milwaukee, Wis.
Cl. Agt. F. R. Shong.....Seattle, Wash.
Gen. Supt. Mot. Pwr.
H. R. Warnock.....Chicago
Road-masters { F. P. Walsh, Deer Lodge, Mont.
Geo. Nick, Three Forks, "
A. W. Criss.....Avery, Idaho
A.F.Manley, Ellensburg, Wash.
S.O.Wilson, Cedar Falls, "
F. M. Webb....Tacoma, "
Energy purchased for Rocky Mt. Div. from the Great Falls Power Co: (for Missoula Div.) from the Thompson Falls Power Co; and (for Coast Div.) from the Intermountain Power Co; trans. volt. 100,000 v; trolley volt. 3000 v. d. c.
22 sub-stas; 48 d. c. motor-gen. sets, G. E., West. tot. 87,500 kw.
Sub-stas. at Two Dot, Loweth, Josephine, Eustis, Piedmont, Janney, Morel, Goldcreek, Ravenna, Primrose, Trakio, Drexel, East Portal, Avery, Taunton, Doris, Kittitas, Cle Elum, Hyak, Cedar Falls, Renton and Tacoma Junction.
Repair shops at Deer Lodge, Mont. and Tacoma, Wash.
645 miles; 4-8½ g; 42 freight, 15 pass and 4 electric switch locos. ★70

176—Chicago & Oak Park Elevated R. R. Co.—Office, 1234 Edison Bldg. (Controlled by the Northwestern Elevated R. R. Co., which in turn is controlled by the Chicago Elevated Rys.)
Receiver, Samuel Insull.....Chicago
Ch. Executive for Receiver, Britton I. Budd..... "
Agt. for Receiver, W. V. Griffin.. "
Gen. Atty. A. L. Gardner..... "
Audr. A. G. Nelson..... "
Gen. Mgr. E. C. Noe..... "
Asst. Gen. Mgr. Bernard J. Fallon
Organization Engr.
H. A. Johnson..... "
Gen.Supt. of Transpt. M. J. Feron "
Supt. of Transpt. H. G. Hardin.. "
Pur. Agt. E. E. Kretschmer.....Chicago
Ch. Engr. C. M. Mock..... "
Elecl. Engr. C. H. Jones..... "
Engr. M. of W., R. N. Wade.... "
Supt. of Shops & Equip.
A. H. Daus..... "
Energy purchased from Commonwealth Edison Co.
Repair shops at 3860 W. Lake St.
22.51 miles (elev. & surface); 4-8½ g; 64 motor, 122 trail and 4 other cars. ★50

177—Chicago Railways Co.—Office, Borland Bldg., 105 So. La Salle St. (System covers North and West Side lines. Operated by Chicago Surface Lines.)
Chmn. Bd. & Pres.
Henry A. Blair.....Chicago
V. Prests. { John E. Wilkie..... "
Seymour Morris..... "
Sec. Frank L. Hupp..... "
Treas. M. B. Orde..... "
Audr. Arthur Young & Co..... "
Energy purchased from Commonwealth Edison Co. 9000 v. 3 ph. 25 cys.
Sub-stas. at Van Buren & Jefferson Sts (6-2000 kw. rotaries); Milwaukee Ave. & Cleaver St. (3-2000 kw. rotaries); Lill & Wrightwood Aves. (3-2000 kw. and 1-3000 kw. rotaries); Blue Island Ave. & Leavitt St. (3-2000 kw. rotaries); Grand & Crawford Aves. (3-2000 kw. rotaries); Illinois & La Salle Sts. (3-2000 kw. & 1-3000 kw. rotaries); B'way & Ardmore Ave. (2-2000 kw. rotaries); Campbell Ave. & Homer St. (2-4000 kw. rotaries): Western Ave. & Washington Blvd. (3-4000 kw. rotaries) and Crawford & Milwaukee Aves. (2-4000 kw. rotaries); tot. cap. 80,000 kw.
Repair shops at 40th & West End Aves.
Reaches Riverview, Lincoln, Douglas, Garfield, Humboldt and Union Parks.
583.72 miles; 4-8½ g; 1949 motor cars. 60

178 — Chicago Surface Lines. — Office, Borland Bldg.. 105 So. La Salle St. (Unified organization operating the Chicago Rys. Co., Chicago City Ry. Co., Calumet & South Chicago Ry. and Southern Street Ry. Co.)
Chmn. Bd. of Operation
Henry A. Blair.....Chicago
Chmn. Exec. Comm. & Pres.
Leonard A. Busby..... "
Assts. to { John E. Wilkie..... "
Pres. { J. V. Sullivan..... "
Sec. & Asst. Treas. F.D.Hoffmann. "
Asst. Sec. Frank L. Hupp..... "
Treas. M. B. Orde..... "
Gen. Counsel
W. W. Gurley..Marquette Bldg. "
Gen. Atty. (Litigated cases) { J. R. Guilliams 600 Washington Blvd..... "
Gen. Mgr. Williston Fish..... "
Gen. Audr. John J. Duck..... "
Gen. Clm. Agt. Frank J. Gatrell.. "
Pur. Agt. F. C. Evans..... "
Ch. Engr. H. B. Fleming..... "
Elec. Engr. J. Z. Murphy..... "
Elec. Engr. of Distrbn. A. J. Klatte "
Supt. Transp. W. M. Weatherwax "
Supt. of Lines & Transmn. R. M. Patterson..... "
Supt. Shops & Equipt. H. H. Adams "
Supt. Track & Rdwy. Haven C. Kelly "
★40

179—Chicago Tunnel Co.—Chicago Warehouse & Terminal Co. (operated jointly). Office, 754 W. Jackson Blvd. (Transfers freight from the different railroad terminals in Chicago.) (Owned by Chicago Utilities Co.)
Pres. & Treas. S. W. Tracy.....Chicago
Sec. & Audr. L. J. Gundlach..... "
Supt. Transp. H. Creuts..... "
Supt. W. E. Worth..... "
Pur. Agt. D. Bonner..... "
Ch. Engr. A. Slade..... "

Elec. Engr. S. S. Stolp.....Chicago
M. M., C. Weihofen..... "
Energy purchased from Commonwealth Edison Co.; trans. volt. 250 v.
Repair shops at 746 W. Jackson Blvd.
61 miles; narrow gauge (24 inches); 132 motor and 3,000 other cars. ★ 50

180—Chicago & West Towns Ry. Co.—Office, Lake St. & Cuyler Ave., Oak Park. (Successor to County Trac. Co. The Evanston lines of the County Trac. Co. were purchased by the Evanston Ry. Co.) (Controls the Suburban R. R. Co.) Connects Oak Park, River Forest, Maywood, Melrose, Cicero, Berwyn, Riverside, Lyons, La Grange, Hollewood and Forest Park.)
Pres. Willard McEwen
Tribune Bldg., Chicago
Sec. & Treas. C. N. Hebner.....Oak Park
Gen. Supt., Pur. & Claim Agt.
B. Collette..... "
Supt. R. S. Dawns..... "
Ch. Engr. Pwr. Sta. J. Olsen.... "
M. M., J. A. Scholen..... "
Engr. Ovhd. Const.
O. B. M. Tompkins..... "
Power sta. equip. 6 d. c. S. & H. Walker, tot. 3250 kw; 3250 hp. e. Allis-C; 3300 hp. b. Stir, C. & Z; trolley volt. 550 v.
Power sta. at Oak Park, Proviso Township; repair shops at Oak Park.
Reaches Forest Park.
70 miles; 4-8½ g; 50 motor and 30 other cars. ★50

181—Elgin & Belvidere Elec. Co.—Executive office, 105 South La Salle St. (Connects Elgin, Gilberts, Huntley, Union, Marengo, Garden Prairie and Belvidere.)
Pres. B. J. Arnold.....Chicago
V. Pres. Hamilton Brown..... "
Sec., Treas. & Cl. Agt.
W. L. Arnold..... "
Audr. & Pur. Agt. W. F. Gamble "
Energy purchased from Aurora, Elgin & Chicago R. R. Co.; trans. volt. 26,400 v; trolley volt. 650 v. 5 sub.-stas. (3 with auto control) tot. cap. 1250 kw; 7 rot. conv.
Repair shops at Marengo.
35.77 miles owned (34.5 mi. 1st. m. t. & 1.27 mi. sid.); 4-8½ g; 9 motor pass., 9 trail freight, 1 motor service and 2 trail service cars. ★50

182 — Hammond, Whiting & E. Chicago Ry. Co.—Office, Hammond, Ind., Successor to the Hammond, Whiting & E. Chicago Elec. Ry. (Connects Hammond Whiting, E. Chicago and IndianaHarbor, Ind. and enters Chicago over the tracks of the Calumet & So. Chicago Ry. Co.)
Pres. O. G. Talmadge....Hammond, Ind.
V. Pres. & Gen. Mgr.
C. E. Lawrence..... " "
Sec. & Treas. F. D. Hoffman....Chicago
Audr. W. W. Hill..... "
M. M., W. J. Schall.....Hammond, Ind.
Roadmaster, E. P. Hart.. " "
Energy purchased from Calumet & South Chicago Ry. Co.
Repair shops at Hammond, Ind.
Reaches Ball Park, Chicago; Douglas Park, Hammond and Lake Front Park on Lake Michigan.
34.16 miles owned (20.14 mi. 1st. m. t., 9.25 mi. 2nd. m. t., 4.77 mi. sid.); also 2.31 miles track right. Total miles operated 31.70; 4-8½ g; 28 motor pass. and 11 motor service cars. ★50

183—Kensington & Eastern R. R. Co.—Office, 135 E. 11th Place, Chicago, (Connects Ill. Central R. R. at Kensington, Ill., with Chicago, Lake Shore & South Bend Ry. at Hammond, Ind.) (Stock owned by the Illinois Central R. R. Co. and road used under provisional agreement by the Chicago, Lake Shore & South Bend Ry.)
Pres. C. H. Markham..... Chicago
V. Pres. A. S. Baldwin..... "
Sec. Burt A. Beck..... "
Treas. L. A. Harkness..... "
13.09 miles; 4-8½ g. 50

184—Metropolitan West Side Elevated Ry. Co.—Office, 1247 Edison Bldg. (Controls Union Consolidated Elevated Ry. Co., and in turn is controlled by Chicago Elevated Rys.) (Connects Chicago, Austin, Forest Park and Oak Park.)
Chmn. Samuel Insull.....Chicago
Pres. Britton I. Budd..... "
Asst. to Pres. Edward J Blair.... "
Sec. & Treas. W. V. Griffin..... "
Audr. T. B. Mac Rae..... "
Gen. Atty. A. L. Gardner..... "
Gen. Mgr. E. C. Noe..... "
Asst. Gen. Mgr. Bernard J. Fallon "
Organization Engr. H. A. Johnson "
Pur. Agt. E. E. Kretschmer..... "
Gen. Supt. Transpt. M. J. Feron.. "
Supt. Transp. J. A. Jarvis..... "
Supt. of Shops & Equip.
A. H. Daus..... "
Ch. Engr. C. M. Mock..... "
Elec. Engr. C. H. Jones..... "
Engr. M. of W., R. N. Wade..... "
Energy purchased from Commonwealth Edison Co.; trolley volt. 600 v.
Repair shops at 417 Throop St.
61.38 miles (elev.); 4-8½ g: 284 motor cars, 283 coaches and 17 misc. cars. ★50

185—Northwestern Elevated R. R. Co.—Office, 1247 Edison Bldg. (Owns Union Elevated R. R.; controls Chicago & Oak Park Elev. R. R. Co. and is in turn controlled by Chicago Elevated Rys.)
Chmn. Samuel Insull .....Chicago
Pres. Britton I. Budd..... "
Asst. to Pres. Edward J. Blair.... "
Sec. & Treas. W. V. Griffin..... "
Audr. T. B. MacRae..... "
Gen. Mgr. E. C. Noe..... "
Asst. Gen. Mgr. Bernard J. Fallon "
Organization Engr. H. A. Johnson "
Pur. Agt. E. E. Kretschmer..... "
Gen. Supt. Transpt. M. J. Feron.. "
Supt. Transpt. E. F. Schaaf ..... "
Supt. Shops & Equipment
A. H. Daus..... "
Ch. Engr. C. M. Mock..... "
Elec. Engr. C. H. Jones..... "
Engr. M. of W., R. N. Wade..... "
Energy purchased from Commonwealth Edison Co.
Repair shops at 1036 Montrose Ave.
61.61 miles (elev.); 230 motor cars, 202 coaches and 4 misc. cars. ★50

186 — Southern St. Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.)
Pres. Leonard A. Busby.....Chicago
V. Pres. W. W. Crawford..... "
Sec. & Treas. F. D. Hoffmann... "
Audr. Jno. J. Duck..... "
Mileage and equipment included in report of Chicago City Ry. Co. 50

187—South Side Elevated R.R.Co.—Office. 1247 Edison Building. (Controlled by Chicago Elevated Rys.)
Chmn. Samuel Insull.....Chicago
Pres. Britton I. Budd..... "
Asst. to Pres. Edward J. Blair.... "
Sec. & Treas. W. V. Griffin..... "
Audr. T. B. MacRae... ..... "
Gen. Mgr. E. C. Noe..... "
Asst. & Gen. Mgr. Bernard J. Fallon "
Organization Engr.
H. A. Johnson..... "
Pur. Agt. E. E. Kretschmer..... "
Storekeeper P. F. McCall..... "
Gen. Supt. Transpt. M. J. Feron.. "
Supt. Transpt. J. M. Feldhake.... "

Supt. of Shops & Equip.
A. H Daus.....Chicago
Ch. Engr. C. M. Mock..... "
Elec. Engr. C. H. Jones..... "
Engr. M. of W., R. N. Wade..... "
Energy purchased from Commonwealth Edison Co.
Repair shops at 61st St., & Calumet Ave.
45.95 miles (elev. 3d rail); 4-8½ g.; 430 motor and 14 misc. cars; 52 coaches.
★50

188—Union Consolidated Elevated Ry. Co.—(Connects Metropolitan West Side Elevated Ry. system with Union Loop system.) (Controlled by the Metropolitan West Side Elev. Ry. Co.)
Pres. Samuel Insull.....Chicago
V. Pres. Gilbert E. Porter..... "
Sec. & Treas. W. V. Griffin..... "
0.37 miles (included in mileage of Metropolitan W. S. Elev. Ry.). 50

188a—American Public Service Co.—Gen. office, Rm. 1500-72 W. Adams St. (Controls, through stock ownership, Abilene Gas & Elec. Co., Abilene Ice Co., Abilene Wtr. Co., Cisco Gas & Elec. Co., Cisco Ice Co., Marshall Elec. Co., Marshall Trac. Co., Marshall Ice Co., Longview Ice & Light Co., Baird Light & Ice Co. Jefferson Ice & Lt. Co., Stamford Gas & Elec. Co., and Hamlin Lt., Pwr. & Ice Co. all of Texas; Hugo Ice & Lt. Co., Henryetta Electric Lt. Co., Henryetta Ice & Cold Storage Co. and Okmulgee Ice & Lt. Co. all of Okla.)
Pres. Samuel Insull.....Chicago, Ill.
V. Pres. Martin J. Insull..... " "
Sec. Edw. J. Doyle..... " "
Treas. Oliver E. McCormick " "
Asst. Sec. Eustace J. Knight " "
★60

189—Byllesby Engineering & Management Corp. (Formerly H. M. Byllesby & Co.)—Office, 208 So. La Salle St., Chicago. Operating and managing engineers. (All stock owned by Standard Gas & Elec. Co.) Byllesby Engrg. & Mngment. Corpn. oper. & mnges and Standard Gas & Elec. Co. controls the following: Oklahoma Gas & Elec. Co. (which operates in Oklahoma City, El Reno, Enid, Sapulpa, Norman, Yukon, Hennessey, Wankomis, Kiefer and Drumright, and controls through stock ownership Muskogee (Okla.) Gas & Elec. Co., operating in Muskogee, Fort Gibson and Sapulpa (Okla.), Ft. Smith (Ark.), Lt. & Trac. Co., Mobile (Ala.) Elec. Co., Ottumwa (Ia.) Ry. & Lt. Co., San Diego (Cal.) Consolidated Gas & Elec. Co., Puget Sound Gas Co. (Everett, Wash.) Southwestern General Gas Co., Ft. Smith, Ark., Tacoma (Wash.) Gas & Fuel Co., (operating in Tacoma, Olympia and Puyallup, Wash.) Western States Gas & Elec. Co., Stockton, Eureka, Richmond, Calif., and Arkansas Valley Ry. Lt. & Pwr. Co., which operates in Pueblo, Victor, Rocky Ford, La Junta, Canon City and Cripple Creek, Colo.; Mississippi Valley Gas & Elec. Co., which company controls jointly with Standard Gas & Elec. Co., the Louisville Gas & Elec. Co. of Del., which in turn controls Louisville Gas & Elec. Co. of Ky., Kentucky Coke Co. and Kentucky Pipe Line Co.) Have large but not controlling interest in the following companies: Mountain State Power Co. operating the following properties—Big Fork, Kalispell, Polson, Mont., Sandpoint, Ida., Newport, Wash; Oregon Pwr. Co. operating in Marshfield, Springfield, Eugene, Albany and Dallas, Ore., Northern States Power Co. of Delaware, holding company for following properties — Minneapolis (Minn.) General Electric Co., and Northern States Pwr. Co. of Minnesota, operating plants in Faribault, Stillwater, Mankato, Cannon Falls, Rapidan, Coon Rapids, St. Paul, Pipestone, Hutchinson and Montevideo, Minn., Minot, N. D., and Sioux Falls, S. D., Union Lt., Ht. & Pwr. Co., Fargo, N. D., Interstate Lt. & Pwr. Co., Galena, Ill., and Platteville, Hudson and Somerset, Wis., and Red River Power Co., Red Lake Falls, Minn., and Grand Forks, N. D.)
Pres. H. M. Byllesby.....Chicago
V. Prests. { Arthur S. Huey..... " ; (Treas.) J. J. O'Brien " ; (Ch. Engr.) Otto E. Osthoff " ; G. H. Harries..... " ; (Sec.) R. J. Graf..... "
Asst. Secs. & Asst. Treas. { J. J. Madden..... " ; W. H. Clarke..... " ; Audr. B. W. Lynch.... " ; M. A. Morrison.... " ; J. H. Briggs..... " ; R. L. Clark. New York, N. Y. ; C. C. Levis " "
★50†

190—Chicago Elevated Rys.—Office, 1127 Edison Bldg., cor. Adams & Clark Sts. (Controls the South Side Elevated R. R. Co., Metropolitan West Side Elevated Ry. Co., and the Northwestern Elevated R. R. Co.)
Trustees { Samuel Insull.....Chicago ; William G. Beale..... "
Governing Committee { Samuel Insull..... " ; Gilbert E. Porter.. " ; Wm. A. Fox..... " ; John H. Gulick.... " ; Britton I. Budd.... "
Executive Committee { Samuel Insull..... " ; John H. Gulick.... " ; Wm. A. Fox..... "
Sec. W. V. Griffin..... "
Compt. E. A. Brion..... "
50

191—Chicago Utilities Co. — Office, 754 W. Jackson Blvd. (Successor to Chicago Subway Co.) (Owns the Chicago Tunnel Co., Chicago, Warehouse & Terminal Co. and Illinois Telephone & Telegraph Co.)
Pres. S. W. Tracy.....Chicago
V. Pres. ——— ——— ..... "
Sec. L. J. Gundlach..... "
Treas. L. P. Ray..... "
★50

192—Union Utilities Co. (Owned by Elston & Co.)—Office, 39 So. La Salle St. Owns and operates the following properties: Dubuque (Ia.) Electric Co; Vicksburg (Miss.) Lt. & Trac. Co; Northern Iowa Gas & Elec. Co. (Humboldt, Ia.); Lenawee County Gas & Elec. Co. (Adrian, Mich.); St. Charles (Mo.) Ltg. Co. and Indiana Gas Light Co. (Noblesville, Ind.)
Chrmn. I. C. Elston, Jr.....Chicago
Pres., Treas. & Gen. Mgr. J. N. McCallum..... "
V. Pres. A. C. Allyn..... "
Ch. Engr. C. G. Johnson..... "
★50

193 — Middle West Utilities Co.—Office, 72 West Adams St., Chicago. (The following is a list of the subsidiary companies: Central Illinois Public Service Co., So. Illinois Ry. & Pwr. Co., Illinois Northern Utilities Co., Sterling, Dixon & Eastern Elec. Ry. Co., McHenry County Light & Power Co., Interstate Public Service Co., Central Indiana Ltg. Co., Indianapolis & Louisville Trac. Ry. Co., United Gas & Elec. ville & Northern Ry. & Ltg. Co., Louis-Co., Louisville & Southern Indiana Trac. Co., New Albany Wtr. Wks., Southern Indiana Pwr. Co., Kentucky Utilities Co.,

Public Service Co. of Oklahoma, Chickasha Gas & Elec. Co., Missouri Gas & Elec. Service Co., Michigan Gas & Elec. Co., Kentucky Lt. & Pwr. Co., Central Pwr. Co., Citizens Gas Lt. Co., Nebraska City Utilities Co., Twin State Gas & Elec. Co., Berwick & Salmon Falls Elec. Co., Electric Transmission Co. of Va., Southern Wisc. Elec. Co., Northwest Utilities Co. and American Public Service Co.)

Pres. Samuel Insull.....Chicago
V. Prests. { Martin J. Insull..... "
V. Prests. { John F. Gilchrist.... "
Sec. Edward J. Doyle..... "
Asst. Sect. & Asst. Treas.
E. J. Knight..... "
Treas. Oliver E. McCormick.... "
★60

CHICAGO HEIGHTS. 21,693 (1916)

(See also Nos. 174 and 218.)

194—Chicago Heights St. Ry. Co.—Office, Rm. 817, 134 So. La Salle St., Chicago.
Pres. C. H. Wacker.....Chicago
Sec. Edward D. Adams..... "
Supt. Claim & Pur. Agt.
J. T. Murphy.....Chicago Heights
M. M., Robert Johnson " "
11th St. & Wentworth Ave. " "
Trolley volt. 620-650 v.
Repair shops at 11th St. & Wentworth Ave.
6.5 miles; 4-8½ g; 6 motor and 4 other cars. 60

CICERO. 19,974 (1916).

(See No. 180.)

DANVILLE. 32,261 (1916).

195—Danville St. Ry. & Lt. Co.—Office, Danville. (Controlled by Danville, Champaign & Decatur Ry. & Lt. Co. and is part of Illinois Traction System.)
Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
V. Pres. Geo. M. Mattis.....Champaign
Sec. T. B. Macaulay.....Montreal, Can.
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. J. E. Johnson.....Danville
Supt. M. Connor..... "
Ch. Engr. Pwr. Sts.
Theo. Tillotson..... "
M. M., A. J. Mayham..... "
Power sta. equipt. 1 turbo-gen. G. E. 5000 kva. 2300 v. 60 cys; 1 d. c. G. E. 300 kw; 3 a. c. G. E., Allis-C, tot. 2800 kw. 2300 & 6600 v. 3 ph. 25 & 60 cys; 3 rot. conv. tot. 1600 kw; 1 freq. chgr. 1000 kw; 3500 hp. e. Ham. Allis-C; 5600 hp. b. Stir; trans. volt. 33,000 v; trolley volt. 600 v.
Power sta. and repair shops at Danville.
18 miles; 4-8½ g; 34 motor cars. (Co. does general ltg. and power business.) 50

DECATUR. 39,631 (1916)

196—Decatur Ry. & Lt. Co.—Office 124 S. Water St. (Controlled by Danville, Champaign & Decatur Ry. & Lt. Co. and is part of Illinois Trac. System.)
Pres. Wm. B. McKinley.....Champaign
V. Pres. H. E. Chubbuck.....Peoria
Treas. Geo. M. Mattis.....Champaign
Audr. C. Erwin.....Decatur
Gen. Supt. M. L. Harry..... "
Supt. Transp. P. J. Brilley..... "
Pur. Agt. H. J. Vance.....Peoria
Claim Agt. H. C. White.....Decatur
Ch. Engr. G. W. Doerr..... "
M. M. C. H. Woods..... "
Engr. Ovhd. Constr.
D. J. White..... "
Pwr. sta. equip. 2 d. c. Allis-C., G. E. tot. 1300 kw; 3 a. c. Allis-C, West., G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 5750 hp. e. H. O. & R., Allis-C; 4700 hp. b. Bab. & W. Stirling.
Pwr. sta. at Edward & Cerro Gordo Sts; repair shops at 400 E. Wood St.
15.64 miles (14.89 mi. 1st m. t., 0.75 mi. 2nd m. c.); also 3.75 miles leased. Total miles operated 19.37; 4-8½ g; 39 motor pass. and 2 motor service cars. (Company does general ltg. and pwr. business.) ★60

DE KALB. 8,102.

197—DeKalb-Sycamore & Interurban Trac. Co.—Office, So. Third St. (Operating the De Kalb-Sycamore Elec. Co.) (Controlled by the Union Ry., Gas & Elec. Co.) (Connects DeKalb and Sycamore.)
Pres. B. C. Cobb,
14 Wall St., New York, N.Y.
V. Pres. & Treas.
W. C. Sparks.....Rockford
Sec. W. H. Lemons..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff.....New York, N.Y.
Gen. Audr. H. G. Kessler. " "
Supt. & Ch. Engr. Frank Conley. DeKalb
2 d. c. West. tot. 400 kw. 1400 kva; a. c. West. G. E., 4000 v. 3 ph. 60 cys; 2000 hp. e. Ham: 1600 hp. b. Stir., Wickes; 500 kw. stm. turb. West; trans. volt. 4000 v; trolley volt. 550 600 v.
Power sta. and repair shops at DeKalb.
7.4 miles; 4-8½ g; 4 mo. pass. and 2 trail pass. and 2 other cars. (Co. does general ltg. and pwr. business.) 60

DIXON. 7,216.

(See also No. 208.)

198—Sterling, Dixon & Eastern Elec. Ry. Co.—Office, 421 W. 1st St., Dixon. (Operates in Sterling and Dixon and connects these towns.) (Controlled by the Illinois Northern Utilities Co., which in turn is controlled by the Middle West Utilities Co.)
Pres. Samuel Insull
72 W. Adams St., Chicago
V. Pres. & Gen. Mgr.
E. D. Alexander.....Dixon
Sec. & Treas. John H. Gulick
72 W. Adams St., Chicago
Audr. L. E. Jacobson.....Dixon
Supt. & Gen. Fgt. & Pass. Agt.
A. W. Cournyer..... "
Claim Agt. R. H. Howell..... "
Pur. Agt. W. L. Campbell..... "
Energy from Illinois Northern Utilities Co. at Dixon and Sterling; 2 d. c. G. E. tot. 550 kw; trolley volt. 600 v.
Repair shops at Dixon.
18.85 owned (18.51 mi. 1st m. t. & 0.34 mi. sid.); 4-8½ g; 9 motor pass., 3 trail pass. and 1 motor service car. ★50

EAST MOLINE. 2,665.

(See No. 225.)

EAST ST. LOUIS. 85,00 (10918).

(See also No. 158.)

199—East St. Louis, Columbia & Waterloo Ry.—Office, 19th and Baker Sts. (Connects St. Louis, Mo., E. St. Louis, Cahokia, Prairie du Pont, Dupo, Columbia and Waterloo, Ill.)
Pres. E. H. Comrades
314 No. 4th St., St. Louis, Mo.
V. Pres., Sec. & Treas.
Wm. F. Gould..... " "
Supt. C. E. Finch,
19th & Baker Sts.,
East St. Louis
Gen. Fgt. & Pass. Agt. & Pur. Agt.
W. C. Johnston, 314 No. 4th St.,
St. Louis, Mo.
Ch. Engr. Baxter L. Brown " "
M. M., Wm. J. Harper.....East St. Louis

Roadmaster, J. T. McMahon....Columbia
Energy purchased from E. St. Louis & Suburban Ry.; trans. volt. 13,200 v. 3 ph. 25 cys; trolley volt. 600 v.
2 substas: 1 at Dupo, 1 at Lutz; 4 rot. conv.
Repair shops at 19th & Baker Sts., E. St. Louis.
Reaches Burnett's Park at Dupo, Godin's Park at Prairie du Pont, Turner Park at Columbia and Falling Springs Park (all private).
22.93 miles owned (22.18 mi. 1 st. m. t., 0.75 mi. sid.); also 3.11 miles trackage rights; 4-8½ g; 5 mo. pass.. 1 mo. freight, 1 trail freight and 2 mo. service cars.

200—East St. Louis Ry. Co.—Office, 7 Collinsville Ave. (Operates in E. St. Louis.) (Controlled by The East St. Louis & Suburban Co.)
Pres. W. H. Sawyer
Huntington Bk. Bldg. Columbus, Ohio
V. Pres., L. C. Haynes....East St. Louis
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....East St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Supt. W. H. Guyton..... "
Claim Agt. Trevor C. Neilson "
Gen. Pass Agt. C. S. Darrach "
Pur. Agt. R. G. Goss..... "
Ch. Engr. G. W. Welsh..... "
Supt. Elec. Distrbn.
T. H. Ness..... "
Engr. M. of W., S. Clay Baker "
Roadmaster, John A. Roach. "
Energy purchased from E. St. Louis & Suburban Ry. Co.; trolley volt 600 v.
Reaches Lansdowne Park and Jones Park.
36.05 miles; 4-8½ g; 84 motor and 10 other cars. ★60

201—East St. Louis & Suburban Ry. Co.—Office, 7 Collinsville Ave. (Operates in Belleville and the interurban lines from East St. Louis to Belleville and interurban lines connecting Edwardsville, Collinsville, Caseyville, Lebanon and O'Fallon with East St. Louis.) (Controlled by The East St. Louis & Suburban Co.)
Pres. W. H. Sawyer
Huntington Bk. Bldg., Columbus, O.
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....East St. Louis
Gen. Mgr. D. E. Parsons..... " "
Gen. Supt. W. C. Myers..... " "
Claim Agt. Trevor C. Neilson " "
Gen. Pass. Agt. & Supt. Fgt. Traffic, C. S. Darrach " "
Pur. Agt. R. G. Goss..... " "
Supt. Pwr. G. W. Welsh..... " "
Asst. Supt. Pwr. T. H. Ness. " "
Supt. City Lines. W. H. Guyton " "
Supt. Inter-Lines, J. A. Peterson " "
Ch. Engr. Pwr. Sta.
L. R. Pape.....East St. Louis
Engr. M. of W., S. Clay Baker " "
M. M., L. W. Jacques..... " "
Roadmaster, John A. Roach. " "
Power sta. equip. 3 d. c. G. E. tot. 3600 kw; 5 a. c. G. E. tot. 7000 kw. 13,200-2300 v. 3 ph. 25-60 cys; 5100 hp. e. Fulton, St. Louis Cor: 7000 hp. b. Heine: 5500 kw. turb. G. E.; trans. volt. 13,200 v; trolley volt. 600 v. Interchange of energy with E. St. Louis Lt. & Pwr. Co.
Power sta. and repair shops at East St. Louis.
Reaches Allens Park and Monks Mound.
73.039 miles; 4-8½ g; 4 fgt. mo; 319 coal and 9 service cars; 2 stm. locos. (Co. also sells energy to East St. Louis, Columbia & Waterloo Ry., East St. Louis Ry. Co., St. Louis & E. St. Louis Elec. Ry. Co., St. Louis & Belleville Elec. Ry., Alton, Granite & St. Louis Trac. Co. and East St. Louis Lt. & Pwr. Co.) ★50

202—St. Louis & Belleville Elec. Ry. Co.—Office, 7 Collinsville Ave. (Operates an electric railway line between E. St. Louis and Belleville handling freight, principally coal.) (The East St. Louis & Suburban Co. owns entire bond issue of this company.)
Pres. L. C. Haynes.....East St. Louis
V. Pres. W. H. Sawyer
Huntington Bk. Bldg., Columbus, O.
Sec. & Treas. G. L. Estabrook
321 Chestnut St, Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory..... ....East St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Claim Agt. Trevor C. Neilson "
Supt. Fgt. Traffic C. S. Darrach..... "
Pur. Agt. R. G. Goss..... "
Engr. M. of W., S. Clay Baker "
Roadmaster, John A. Roach. "
Energy purchased from East St. Louis & Suburban Ry. Co.
17.629 miles; 510 coal and 14 work cars; 2 elec. locos. 60

203—St. Louis & East St. Louis Elec. Ry. Co.—Office, 7 Collinsville Ave. (Operates an electric railway between St. Louis, Mo., and E. St. Louis, Ill., via Eads Bridge, under agreement with Terminal R. R. Association of St. Louis.) (Controlled by The East St. Louis & Suburban Co.)
Pres. L. C. Haynes.....East St. Louis
V. Prests. { W. H Sawyer...Columbus, O. / E. J. Coetigan, St. Louis, Mo.
Sec. & Treas. G. L. Estabrook
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
T. W. Gregory.....East St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
2.48 miles. The East St. Louis Ry. Co., East St. Louis & Suburban Ry. Co., E. St. Louis, Columbia & Waterloo, and Alton Granite and St. Louis Trac. Co. operate their cars over this line into St. Louis. 60

204—St. Louis & Ohio River R.R. (Formerly Southern Traction Co. of Illinois.) Office, 513 Murphy Bldg. (Operation of road between E. St. Louis and Belleville will begin immediately; will connect Christopher, Duquoin, Benton and Frankfort.) (Acquired the Illinois & Indiana Elec. Ry. Co.) (Contract has been made with East St. Louis Interurban Electric Ry. Co., recently organized, to lease to said company about 10 blocks of track in city of E. St. Louis, so that this company can make connection with the Municipal Bridge and operate its cars into city of E. St. Louis.)
Sold at public auction to H. D. Mepham, St. Louis, Mo., for $400,000. Mr. Mepham transferred his rights to C. B. Cox, Pres., Alton & Southern R. R.
15 miles. (Under construction.) ★50

205—The East St. Louis & Suburban Co.—General Office, Wilmington, Del. (Successor to East St. Louis & Suburban Co.) (Controls through stock ownership the East St. Louis Ry. Co., the East St. Louis & Suburban Ry. Co., the St. Louis & East St. Louis Elec. Ry. Co., the East St. Louis Lt. & Pwr. Co., the Alton, Granite & St. Louis Traction Co., and the Alton Gas & Elec. Co: owns entire bond issue of the St. Louis & Belleville Elec. Ry. Co. Under management of E. W. Clark & Co. Management Corpn., Philadelphia, Pa., and Columbus, O.)

Pres. C. M. Clark,
321 Chestnut St., Philadelphia, Pa.
V. Pres. H. L. Clark "
Sec. G. L. Estabrook "
Asst. Sec. C. A. Pearson, Jr. "
Treas. T. W. Gregory.....East St. Louis
Companies controlled operate 195 miles of track; 1,020 cars; 2 elec. and 2 stm. locos. ★60

ELGIN. 28,208 (1916)

(See Nos. 162 and 181.)

EVANSTON, 28,591 (1916)

206—Evanston Ry. Co. Office, Central St. Car Station. (Successor to County Trac. Co's. lines in Evanston.) (Connects with Chicago Surface Lines).
Pres. Clement C. Smith..Milwaukee, Wis.
V. Prests. { J. P. Pulliam.. " " / Gen. Mgr. Chas. F. Speed..Evanston
Sec. & Treas.
H. C. Mackay.....Milwaukee, Wis.
Ch. Engr. Chas. A. Ewing " "
Energy purchased from Public Service Co. of Northern Illinois; trolley volt. 600 v.
Repair shops at Central St. Car Station.
10 miles; 4-8½ g; 13 motor pass cars. (Sells energy to North Shore & Western Ry. Co.) 119

207—North Shore & Western Ry. Co.—Office, 15 S. Desplaines St., Chicago. (Operates out of station of Evanston Ry. Co. in Evanston, west, to Glen View Club at Golf.)
Pres. Geo. P. Merrick
69 W. Washington St., Chicago
V. Pres. C. H. Poppenhusen
Lumber Exch. Bldg., "
Sec. & Treas. H. R. Hixson..... "
Energy purchased from Evanston Ry. Co.
3.55 miles; 1 car. 50

FARMINGTON. 2,421.

(See No. 167.)

FREEPORT. 19,568 (1916).

208—Illinois Northern Utilities Co.—Gen. office, 421 W. First Street, Dixon. (Consolidation of Freeport Ry. & Lt. Co., Tri-County Lt. & Pwr. Co. and old Illinois Northern Utilities Co.) (Owns Pecatonica River Pwr. Co. and operates under lease the Stephenson County Hyd. & Mfg. Co., tot. cap. 5,250 hp.) (Controls Sterling, Dixon & Eastern Elec. Ry. Co. and is itself a subsidiary of the Middle West Utilities Co.)
Pres. Samuel Insull,
72 W. Adams St., Chicago
V. Pres. & Gen. Mgr.
E. D. Alexander.....Dixon
Sec. & Treas. John H. Gulick,
72 W. Adams St., Chicago
Audr. L. E. Jacobson.....Dixon
Local Supt. George B. Fluehr...Freeport
Claim Agt. R. H. Howell.....Dixon
Pur. Agt. W. L. Campbell..... "
Oprtg. Supt. A. N. Richardson.... "
Ch. Engr. O. W. Dodd..... "
M. M.. John Greve.....Freeport
Engr. Maint. of Way, Henry Gale. "
Ch. Engr. Pwr. Sta.
Victor Harshman.. ..... "
Power sta. equip. 1 d. c. Westg. 250 kw; 2 a. c. Westg. Allis-C., tot. 1150 kva. 2 ph. 60 cys; 600 hp. e. Fult. Iron Wks, 1300 hp. b. Bab. & W; 200 hp. turb. (wtr.) Lef; 750 kw. Allis-C. turb. (stm.): trans. volt. 10,000-33,000 v; trolley volt. 625 v.; 1 rot. conv.; 300 kw.
Power sta. at Adams St. & Clark Ave. repair shops at Liberty & Spring Sts.
Controls Highland Amusement Park.
9.45 miles owned (8.91 mi. 1st m. t., 0.41 mi. 2nd m. t. and 0.13 mi sid.); 4-8½ g; 12 motor pass., 2 trail pass. and 1 motor service car. Company furnishes energy for lighting and power. ★50

GALESBURG. 24,376 (1916).

209—Galesburg Ry., Ltg. & Pwr. Co.—Local officc, 7 Main St. (Connects Galesburg, Knoxville and E. Galesburg.) (Part of Illinois Traction System.)
Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. T. B. Macaulay.....Montreal, Can.
Treas. Edward Woodman..Portland, Me.
Asst. Treas. G. R. McComb...Champaign
Gen. Audr. B. E. Bramble.... "
Audr. W. J. Achelpohl.....Peoria
Pur. Agt. H. J. Vance..... "
Gen. Supt. R. F. Carley.....Galesburg
Supt. Ry., C. C. West..... "
Ch. Engr. Pwr. Sta.
C. F. Obermier..... "
Power sta. equip. 4 d. c. Bull. G. E. tot. 1450 kw; 3 a. c. Bull. Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 2350 hp. e. Ham. Cor. Allis-C: 2015 kw. stm. turb. West, G. E; 6400 hp. b. Stir.; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. at Ferris & West Sts; repair shops at 632 E. Main St.
Owns Highland Park.
20.75 miles: 4-8½ g: 30 motor and 6 trail cars; 1 work car; 1 snow sweeper. (Company does general lighting and power business.) ★50

210—People's Traction Co.—Office, 7 E. Main St. (Connects Galesburg and Abingdon, Ill.) Part of Illinois Trac. System.
Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
Sec. E. A. Macnutt..... Montreal, Can.
Treas. E. Woodman.....Portland, Me.
Audr. B. E. Bramble.....Champaign
Gen. Supt. R. F. Carley.....Galesburg
Supt. C. C. West..... "
Pur. Agt. H. J. Vance.....Peoria
Energy purchased from Galesburg Ry. Ltg. & Pwr. Co.
Reaches amusement park, leased by company.
12.5 miles; 4-8½ g; 4 motor and 6 other cars. 50

GALVA. 2,498.

(See No. 221.)

GOLF.

(See No. 207.)

HARRISBURG. 10,500.

212—Southern Illinois Ry. & Pwr. Co.—Office, Harrisburg. (Connects Eldorado, Wasson, Muddy, Harrisburg, Dorrisville, Ledford and Carrier Mills.) (Subsidiary of Middle West Utilities Co.)
Pres. Marshall E. Sampsell.....Chicago
V. Pres. J. Paul Clayton.....Springfield
Sec. P. A. Erlach..... "
Treas. C. E. Cripe..... "
Gen. Mgr. W F Gilman..... "
Audr. R. A. Crews.....Mattoon
Gen. Supt. D. A. Roberts.....Harrisburg
Pur. Agt. D. R. Trnax.....Mattoon
Gen. Fgt. & Pass. Agent
M. N. Wettaw.....Harrisburg
M. M Jesse Dove..... "
Roadmaster, Joe Lasley..... "
Power sta. equip. 4 a.c. G. E. Allis-C. turbo gen. tot. 15.000 kw. 2300 v. 3 ph. 60 cys; 8 eng: 2712 hp. b. Spgf. Wickes; stm. turb. Allis-C.. G. E., trans. volt. 33,000 v; trolley volt. 1200 v.
1 sub-sta. cap. 900 kw; 2 mo. gen sets. Power sta. and repair shops at Muddy.
15.5 miles; 4-8½ g; 4 motor pass. 3 trail pass. cars and 1 fgt. motor car; 15 fgt. cars without motors. 60

HIGHWOOD. 1,219.

213—Chicago North Shore & Milwaukee R. R. (Successor to The Chicago & Milwaukee Elec. R.R. Co.)—Also operates The Chicago & Milwaukee Elec. Ry., a local line in Milwaukee, Wis.) (Connects Chicago, Wilmette, Kenilworth, Winnetka, Glencoe, Highland Park, Highwood, Lake Forest, Lake Bluff, No. Chicago, Waukegan, Zion City, Libertyville and Aera in Illinois; Kenosha, Racine and Milwaukee in Wisconsin.)

Pres. Britton I. Budd
72 W. Adams St., Chicago
Asst. to Pres. C. E. Thompson..Highwood
V. Pres. R. Floyd Clinch
Rookery Bldg., Chicago
Sec. & Treas. W. V. Griffin
72 W. Adams St. "
Gen. Counsel, Ralph R. Bradley
Rookery Bldg. "
Gen. Atty. A. L. Gardner
72 W. Adams St. "
Audr. T. B. MacRae.....Highwood
Gen. Supt. M. J. Feron
72 W. Adams St., Chicago
Ch. Engr. B. J. Fallon " "
Local Supt.
George Merriman.....Milwaukee, Wis.
Claim Agt. G. T. Hellmuth ....Highwood
Supt. Transpt. J. W. Simons... "
Supt. Merch. Disp. Serv.
E. J. Bock.....Milwaukee, Wis.
Engr. M. of W. J. S. Hyatt....Highwood
Elec. Engr. C. Huttleston..... "

Energy purchased from The Milwaukee Elec. Ry. & Lt. Co. and Public Service Co. of Northern Illinois; trans. volt. 13,200 & 33,000 v; trolley volt. 600 v.

13 sub-sta. (4 with auto. cont.) tot. cap. 12,500 kw; 22 rot. conv.

Repair shops at Highwood.

Reaches Great Lakes Naval Training Station, Ravinia Park, near Highland Park, Ill., Ft. Sheridan and Electric Park.

160 miles; 4-8½ g; 115 motor, 162 fgt. and 20 service cars; 1 work car; 4 locos. ★60

HILLSBORO. 7,321 (1913).

214—Southern Illinois Lt. & Pwr. Co. — Office, 905 Central Nat'l Bank Bldg., St. Louis, Mo. (Connects Hillsboro, Taylor Springs and Schram City.)

Pres. Wm. A. Baehr,
Peoples Gas Bldg., Chicago
V. Pres. J. J. Frey.....St. Louis, Mo.
Sec. F. A. Hanley,
Peoples Gas Bldg., Chicago
Treas. Scott Brown
206 So. Lasalle St., "
Audr. M. R. Noack.....St. Louis, Mo.
Gen. Mgr. Bert H. Peck.....Hillsboro
Supt. C. P. Hamlin..... "
Pur. Agt. W. W. Burton...St. Louis, Mo.

Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 3750 kva. 2300v. 3 ph. 60 cys; 300 hp. e. Chuse; 1800 hp. b. Stir. (1000 hp. b. Heine being installed); 3750 kw. stm. turb. Curtis; trans. volt. 16,500 and 33,000 v; trolley volt. 600 v.

Power sta. at E. Seward St., Hillsboro; repair shops and car barn at Miller St., Hillsboro.

Reaches Ball Park (owned.)

4.21 miles; owned (4.09 mi. 1st m. t. 0.12 mi. sid.); 4-8½ g; 4 motor pass. cars and 1 fgt. motor car. (Company does general lighting and power business.) ★60

JACKSONVILLE. 15,481

215—Jacksonville Ry. & Lt. Co.—Office, 224 So. Main St. (Including Jacksonville Gas & Elec. Co. and Jacksonville St. Ry. Co.) (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt .....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Audr. W. D. Cole.....Jacksonville
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. E. H. Gray.....Jacksonville
Ch. Engr. L. O. Williams... "

Pwr. sta. equip. 3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys; 2 d. c. West. tot. 400 kw. 550 v; 1615 hp. e. Mc.I & S, St. L Cor. Ball; 1400 hp. b. Bab. & W, Stir.

Pwr. sta. at Jacksonville.

8 miles; 4-8½ g; 14 motor and 9 other cars. (Co. does general ltg. and pwr. business.) 50

JOLIET. 38,372 (1920).

(See also No. 229.)

216—Aurora, Plainfield & Joliet Ry.—Office, Joliet. (Connects Aurora, Plainfield and Joliet.)

Pres. F. K. Shrader.....Chicago
V. Pres. Jas. Winston..... "
Sec. & Treas., C. T. Mac Neill... "
Audr. Chester G. Moore.....Joliet
Gen. Mgr. & Pur. Agt., R. A. Moore "
M. M. & Ch. Engr. Pwr. Sta.
E. Keys.....Plainfield

Energy purchased from Public Service Co. of Northern Illinois and Aurora, Elgin & Chicago R. R. Co.; trolley volt. 600 v.

1 sub. sta. cap. 600 kw; 2 rot. conv.

Sub-sta. at Joliet; repair shops at Plainfield.

Reaches Electric Park, Plainfield (owned).

23.25 miles; 4-8½ g; 12 motor cars and 1 other car. 50

217—Chicago & Joliet Electric Ry. Co.—Office, Ottawa & Clinton Sts. (Includes Joliet R.R.Co., Chicago & Joliet Rapid Transit Co., and controls Chicago and Des Plaines Valley Elec. Ry. Co.) (Connects Chicago, Summit, Lyons, Argo, Willow Springs, Lemont, Lockport and Joliet.) (Controlled by American Rys. Co., Philadelphia, Pa.)

Pres. Van Horn Ely....Philadelphia, Pa.
V. Prests. { H. J. Crowley..... "
{ C. L. S. Tingley... "
Sec. & Treas. Walter W. Perkins "
Compt. F. J. Pryor, Jr..... "
Gen. Mgr. J. R. Blackhall .....Joliet
Supt. W. H. Heun..... "
Pur. Agt. G. C. Weirick..Philadelphia, Pa.
Engr. M. of W., J. B. Tinnon.....Joliet
Engr. Ovhd. Constr. C. W. Deiterick "
M. M., A. P. Bischmann..... "
Traffic Agt. & Park Mgr.
J. P. MacCulloch..... "

Energy purchased from Public Service Co. of Northern Illinois; 9 a. c. G. E. motor gen. sets. tot. 3000 kw. 3 ph. 60 cys; trans. volt. 15,000 v; trolley volt. 600 v.

Power sta. at Joliet on Drainage Canal (water power); repair shops at Joliet.

Controls Dellwood Park, en route to Lockport.

85.75 miles; 4-8½ g; 75 motor and 8 other cars. (Company furnishes power for lighting.) ★50

218—Joliet & Eastern Trac. Co.—Office, Joliet. (Connects Chicago Heights, Matteson, Frankfort, New Lenox and Joliet.)

Pres., Joy Morton, Ry. Ex. Bldg, Chicago
V. Pres. Robt. Kelly.....Joliet
Sec. E. H. Stearns, Ry. Ex. Bldg., Chicago
Treas. Daniel Peterkin " "
Gen. Mgr. & Pur. Agt.
F. C. Eckmann.....Joliet
Car Fmn. Ed. Catchfal..... "

Energy from Public Service Co. of Northern Illinois.

Repair shops at Frankfort.

25 miles; 4-8½ g; 5 motor pass., 1 motor freight and 2 motor service cars. ★50

JONESBORO, 1,169.

(See No. 161.)

KANKAKEE. 14,280 (1916).

219 — Kankakee Elec. Ry. Co. — Office, 3 Court St.
Pres. R. A. McCracken.....Paxton
V. Pres. E. E. Rollins.....Kankakee
Sec. & Treas. E. D. Risser..... "
Gen. Mgr. & Pur. Agt.
Fred A. Clark ..... "
Energy purchased from Public Service Co. of Northern Illinois at Blue Island; trolley volt. 500 v.
Power sta. and repair shops at Greenwood Ave. & Big Four Tracks.
Reaches and owns Electric Park.
12 miles: 4-8½ g; 10 motor pass., and 4 motor service cars. ★50

220—No. Kankakee Elec. Light & Ry. Co.—Office, Ill. Eastern Trust & Savings Bank Bldg. (Connects Kankakee, Bradley and Bourbonnais.)
Pres. Louis Beckman.....Kankakee
Treas. Henry Beckman..... "
V. Pres. Fred. Mann..... "
Sec. W. F. Beckman..... "
Gen. Mgr C. G. Windal.....Bradley
M. M. & Engr. Ovhd. Constr.
Chas. Moorhouse..... "
Roadmaster, Oscar Levasure..... "
Energy purchased from Chicago & Southern Trac. Co.
Repair shops at Bradley.
Reaches Fair Grounds.
4.5 miles; 4-8½ g: 7 motor pass. and 4 trail pass cars; 1 work car. ★60

KEWANEE. 13,561 (1916)

221—Galesburg & Kewanee Elec. Ry. Co. — Office, 300 N. Main St. Kewanee. (Connects Kewanee, Wethersfield and Galva.)
Pres. W. H. Lyman.....Kewanee
V. Pres F. M. Lay..... "
Sec. & Supt. W. T. Lamb..... "
Treas. J. H. Baethke..... "
Gen. Mgr. & Pur. Agt.
R. H. Hayward..... "
Engr. Pwr. Sta. Harry Pine..... "
M. M., Frank Desens..... "
Power sta. equip. 2 d. c. G. E., West. tot. 600 kw; 1000 hp. e. Bckye; 600 hp. b. Kew; trolley volt. 600 v.
Power sta. and repair shops at Wethersfield.
Reaches Windmont Park, Wethersfield, (owned.)
14 miles (13 mi. 1st m. t. 41 mi. sid.) 4-8½ g: 11 motor pass., 3 trail pass., 3 trail freight and 1 motor service car. ★50

KNOXVILLE. 1,818.

(See No. 209.)

LA SALLE. 12,221 (1916)

(See No. 229.)

LINCOLN, 11,833 (1916)

221a—Lincoln Munic. St. Ry.—(In June 1917, city acquired the property of the Lincoln Ry. & Htg. Co. and Lincoln Elec. Ry. Co.)
Mayor, W. D. Gayle, (Gen. Mgr. & Pur. Agt.).....City Hall. Lincoln
City Clerk, A. R. Thomas ..... "
City Treas.
Frank Bollin, Lincoln Nat'l Bank "
Elec. Engr., & M. M.
James T. Price....410 Clinton St. "
Engr. M. of W.
Wm. Cole..... " " "
Engr. Ovhd. Constr.
Bidwell Storer..... " " "
Energy purchased from Lincoln Water, Light & Power Co; trans. volt. 2300 v; trolley volt. 550 v.
Repair shops at 410 Clinton St.
Reaches Chautauqua Park.
5miles; 4-8½ g; 8 motor cars. (One mile of new track contemplated.) 119

MARION. 7,093.

222—Coal Belt Elec. Ry. Co.—Office, Mo. Pac. R. R., Ry. Exch. Bldg., St. Louis, Mo. (Connects Marion, Herrin, Carterville and Energy.)
Pres.
J. G. Drew, 611 Olive St., St. Louis, Mo.
V. Pres. A. Robertson..... " "
Sec. F. W. Irland..... " "
Treas. F. M Hickman..... " "
Gen. Mgr. J. F. Murphy..... " "
Audr. C. B. Moore..... " "
Supt. H. H. Berry..... " "
Claim Agt. A. H. Mansfield " "
Pur. Agt. C. A. How..... " "
Ch. Engr. E. O. Hadley..... " "
Elec. Engr. L. D. Moore..... " "
Signal Eng. B. H. Mann..... " "
Asst. Supt. O. L. Glass.....Marion
Ch. Engr. Pwr. Sta. A. W. Steele, Energy M. M., F. W. Gratiot.....Illmo
Engr. M. of W.
A. F. Dorley..... St. Louis, Mo.
Engr. Ovhd. Constr.
J. C. Morrison.....Marion
Power sta. equip. 2 d. c. West. tot. 600 kw; 1020 hp. e. West: 927 hp. b. Heine; trans. and trolley volt. 600 v.
Power sta. and repair shops at Energy.
14 miles: 4-8½ g; 6 motor pass. cars and 1 motor freight car. ★60

MATTOON. 12,582 (1916).

223—Central Illinois Public Service Co. — Office, Farmers Bk. Bldg., Springfield. (Operates local railway systems at Mattoon, Charleston, Taylorville and Anna.) (Also controls and operates Central Illinois Traction Co., which operates an interurban electric railway between Mattoon and Charleston and a local street railway line in Paris, and the Southern Illinois Railway & Power Co. which operates between Eldorado, Harrisburg and Carrier Mills.) (Subsidiary of the Middle West Utilities Co.)
Pres. Marshall E. Sampsell
Edison Bldg., Chicago
V. Pres. J. Paul Clayton.....Springfield
Sec. P. A. Erlach..... "
Treas. C. E. Cripe..... "
Audr. R. A. Crews.....Mattoon
Gen. Supt. W. F. Gilman.....Springfield
Supt. Ry. W. C. Herring ..... "
Pur. Agt. D. R. Truax.....Mattoon
Claim Agt. F. S. Armstrong..Springfield
Ch. Engr. J. D. Roberts.....Mattoon
M. M., Morris W. Storm..... "
Roadmaster, M. Jones..... "
Engr. Overhd. Constr. Geo. W. Cook "
Energy from Electric Utility Division of Central Illinois Public Service Co; trolley volt. 550 v.
Repair shops at Mattoon.
Reaches Lytle Park and Peterson Park owned by city.
15.5 miles; 4-8½ g; 13 motor and 4 other cars. ★60

224—Central Illinois Trac. Co.—Office, Mattoon. (Operates an interurban line between Mattoon, Loxa and Charleston, and a local line in Paris.) (Controlled and operated by Central Illinois Public Service Co., which see for officers.)
Energy purchased from Central Illinois Public Service Co.; trolley volt. 575 v.
Repair shops at Mattoon.
Owns Urban Park.
11.06 miles; 4-8½ g; 7 motor and 2 other cars. 60

MOLINE. 27,451 (1916).

(See also No. 242.)

225—Moline, Rock Island & Eastern Trac. Co.—(Operates over leased tracks of Tri-City Ry. Co. and connects Watertown, E. Moline, Silvis, Campbell's Island and Moline.) (Controlled by the Tri-City Ry. & Lt. Co.)

Pres. B. J. Denman.....Davenport, Ia.
V. Pres. & Gen. Mgr.
J. G. Huutoon..... "
Sec. H. E. Littig..... "
Treas. H. E. Weeks..... "
Pur. Agt. Geo. G. Kuhn... "
Claim Agt. M. Marcussen.. "
M. M. John Sutherland.... "

Energy purchased from Power Dept. of Tri-City Ry. & Lt. Co; trans. volt. 4400 v; trolley volt. 550 v.

Operates Campbell's Island on Mississippi (River (275 acres which is owned by Tri-City Ry. Co. of Illinois.

12.71 miles; 4-8½ g; 25 motor pass. and 4 other cars. 50

MONMOUTH. 10,177 (1916).

(See also No. 242.)

226—Galesburg & Western R. R. Co. (Formerly Rock Island Southern R. R. Co.) Receiver appointed Sept. 15 1919.—Office, Central Trust Bldg., Rock Island. (Connects Monmouth and Galesburg.) (Controlled by Rock Island Southern Ry.)

Pres. E. C. Walsh.....Clinton, Ia.
V. Prest. M. A. Walsh..... " "
Asst. to Pres. E. C. Walsh, Jr. " "
Sec. & Gen. Mgr.
J. W. Walsh..... " "
Asst. Gen. Mgr. (In charge of Operation, Traffic & Supplies.)
Geo. W. Quackenbush.....Rock Island
Treas. C. H. Walsh.....Burlington, Ia.
Asst. Treasrs. { A. E. Walsh, W. C. Tubbs..Davenport, Ia. Monmouth
Audr. John J. Ryan..... "
Supt. C. O. Griffin.....Rock Island
Claim Agt. T. D. Moborg..... "
Ch. Tariff Bureau F. E. Carthey "

Power sta. equip. 2 d. c. G. E. tot. 800 kw; 1200 hp. e. S. F. & M; 500 hp. b. Frost; trolley volt. 600 v.

Power sta. and repair shops at Cameron 25 miles: 4-8½ g; 4 motor, 2 other and 7 fgt. cars 129†

MORRIS. 4,566

(See No. 164.)

MOUND CITY. 2,837.

(See No. 166.)

MURPHYSBORO. 7,485

228—Murphysboro Elec. Ry., Lt., Ht. & Pwr. Co.—Office, 1213 Walnut St. (Operates in Murphysboro.)

Pres. A. B. Minton.....Murphysboro
V. Pres. Pur. Agt. & Supt.
W. C. Alexander..... "
Sec. & Treas. John G. Hardy "
Elec. Engr. E. A. Quill..... "

Energy purchased from Murphysboro Wtr. Wks. Elec. & Gas Lt. Co.

Repair shops at 5th & Walnut Sts.

Reaches three amusement parks (two controlled). 109

1.5 miles ; 4-8½ g; 3 cars.

228a — Murphysboro & Southern Illinois Railway.—1413 Walnut St. (Will connect Murphysboro and Carbondale. Road under construction.)

Pres. A. B. Minton.....Murphysboro
V. Pres. Gen. Mgr. & Supt.
C. H. Clay..... "
Sec. & Treas. John G. Hardy "
Audr. W. C. Alexander..... "
Elec. Engr. E. A. Quill..... "

Energy purchased from Murphysboro Wtr. Wks., Elec. & Gas Lt. Co.

9 miles; 4-8½ g; 2 cars. 109

OAK PARK. 26,654 (1916).

(See No. 180.)

OTTAWA. 9,585.

229 — Chicago, Ottawa & Peoria Ry.—Office, 215 Van Buren St., Joliet. (Connects Peru, Utica, Ottawa, Marseilles, La Salle, Seneca, Morris, Grand Ridge, Streator, Spring Valley, Village of Marquette, Ladd, Rockdale, De Pue, Bureau, Minooka, Joliet and Princeton.) (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Prests. { Exec. & Gen. Mgr. H. E. Chubbuck.....Peoria; Treas. George M. Mattis..Champaign
Sec. T. B. Macauley...Montreal, Que., Can.
Asst. Treas. Geo. R. McComb...Champaign
Audr. B. E. Bramble..... "
Gen. Supt. F. E. Fisher.....Joliet
Supt. Transpt. J. H. Comyns.....Ottawa
Claim Agt. M. F. Hanley..... "
Pur. Agt. H. J. Vance.....Peoria
Ch. Clerk (Traffic Dept.)
A. M. Farrell.....Joliet
Elec. & Signal Engr.
W. M. Irwin.....Ottawa
M. M., T. Ruyle..... "
Roadmaster, John Moore..... "

Energy purchased from Northern Illinois Lt. & Trac. Co., at La Salle and Marseilles; trans. volt. 33,000 v; trolley volt. 550 v.

Repair shops at Ottawa.

Reaches Starved Rock State Park and McKinley Park (owned.)

107 miles; 4-8½ g; 39 motor and 44 other cars. ★50

230—Northern Illinois Lt. & Trac. Co.—Office, Ottawa. (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. & Gen. Mgr. H. E. Chubbuck, Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Edward Woodman..Portland, Me.
Asst. Treas. Geo. R. McComb, Champaign
Audr. W. J. Achelpohl.....Peoria
Gen. Supt. L. W. Hess.....Ottawa
Pur. Agt. H. J. Vance.....Peoria
Supt. Rys. Enoch Yentzer.....Ottawa
Elec. Engr. & Ch. Engr. Pwr. Sta.
Chas. Hahn..... "

Power sta. equip. 15 a. c. G. E, West, Allis-C tot. 17,252 hp; 2010 hp. e. West, Allis-C, Ham. Cor; 6888 hp. b. Heine, Stir; 11,394 hp. turb. (stm.) G. E; 4148 hp. wtr. wh. Leffel, S. & B; trans. volt. 33,000 v; trolley volt. 600 v.

Power stas. at Marseilles, Ottawa and La Salle.

8 miles; 4-8½ g; 8 motor and 2 trail cars, (Company does general lighting and power business.) 50

PARIS. 7,664.

(See also No. 293.)

231—Central Illinois Traction Co.—For general officers, see Mattoon.

Local Supt. J. T. Henry.....Paris
M. M., W. V. Driskell..... "

Energy purchased from Central Ill. Public Service Co., trolley volt 550 v.

Reaches Reservoir Park.

2 miles; 4-8½ g; 6 motor cars. ★60

PAXTON. 2,912.

(See No. 248.)

PEKIN. 10,823 (1916).

(See also No. 235.)

232—Pekin Municipal Railway.—Office, Rosedale.

Comr. of Pub. Prop'ty,
C. F. Gehring.....Pekin
Supt. Nelson C. Gale..... "

Energy purchased from Central Illinois Light Co.

Repair shops at Rosedale.

Reaches Mineral Spring Park (controlled by Park Board).

3.5 miles 4-8½ g; 8 motor cars. ★50

PEORIA. 76,121 (1920).

(See also No. 1326.)

233 — Illinois Traction System.— Owns and operates the following:

Bloomington, Decatur & Champaign R. R. operates 98 miles, connecting Bloomington, Decatur and Champaign.

Danville & Eastern Ill. Ry. Co. operates 2 miles in Danville.

Danville & Southeastern Ry. Co. operates 3½ miles of street railway from Danville, southeast.

Danville, Urbana & Champaign Ry. Co operates 61 miles interurban lines connecting Danville, Westville, Ridgefarm, Catlin, Homer, Urbana and Champaign.

Illinois Central Traction Co. operates 46 miles, connecting Decatur and Springfield.

St. Louis, Springfield & Peoria R. R., which on Nov. 1, 1913, purchased property of Springfield & Northeastern Trac. Co., operates 223 miles (2.29 operated under trackage rights), extending from Venice opposite St. Louis northward to Bloomington and Peoria via Springfield, with a branch line from Staunton to Hillsboro.

Atchison (Kans.) Ry., Lt. & Pwr. Co.

Cairo (Ill.) Ry. & Lt. System (inc. Cairo Elec. & Trac. Co. and Cairo & St. Louis Ry. Co.)

Chicago, Ottawa & Peoria Ry. Co., Ottawa.

Citizens' Ltg. Co., La Salle, Ill.

Danville (Ill.) St. Ry. & Lt. Co.

Galesburg (Ill.) Ry., Ltg. & Pwr. Co.

Galva (Ill.) Elec. Lt. Co.

Jefferson City (Mo.) Lt., Ht. & Pwr. Co.

Jefferson City (Mo.) Bridge & Transit Co.

Monticello (Ill.) Elec. Lt. & Pwr. Co.

Consumers' Wtr. & Lt. Co., Marseilles.

New Valley Junction (Ia.) Wtr. & Lt. Co.

North Missouri Lt. & Pwr. Co., New London.

Northern Illinois Lt. & Trac. Co. Ottawa.

Mound City (Ill.) Lt. & Wtr. Co.

Montezuma (Ia.) Elec. Lt., Pwr. & Htg. Co.

Prairie City (Ia.) Elec. Co.

Colfax (Ia.) Elec. Lt. Co.

Clinton (Ill.) Gas & Elec. Co.

Bloomington & Normal Ry. & Lt. Co.

Omaha & Lincoln Ry. & Lt. Co., Ralston, Neb.

Peoria (Ill.) Railway Co.

Urbana & Champaign Ry. Gas. & Elec. Co.

Decatur Ry. & Lt. Co.

Jacksonville (Ill.) Ry. & Lt. Co. (including Jacksonville Gas & Elec Co. and Jacksonville St. Ry. Co.)

Quincy (Ill.) Ry. Co.

Topeka (Kan.) Ry. Co.

Oskaloosa (Ia.) Trac. & Lt. Co.

Oskaloosa (Ia.) & Buxton Elec. Ry. Co.

Oskaloosa (Ia.) Lt. & Fuel Co.

People's Trac. Co., Galesburg, Ill.

Wichita (Kans.) R. R. & Lt. Co.

St. Louis (Mo.) Elec. Term. Ry. Co.

Urbana Lt., Ht. & Pwr. Co., electric light and steam heat in Urbana.

Des Moines Elec. Co., electric lighting in Des Moines, Ia.

The Madison County Lt. & Pwr. Co., which does an electric lighting business in Granite City, Venice, Edwardsville and Madison.

Topeka Edison Co., electric light and steam heat in Topeka, Kan.

Owns the Danville, Champaign & Decatur Ry. & Lt. Co., which controls, through stock ownership, the Danville St. Ry. & Lt. Co., Decatur Ry. & Lt. Co., Urbana & Champaign Ry., Gas & Elec. Co. and Urbana Lt., Ht. & Pwr. Co.

Has acquired the Western Rys. & Lt. Co.

Pres. W. B. McKinley.....Champaign
V. Pres. Exec., H. E. Chubbuck...Peoria
V. Pres. & Treas.
G. M. Mattis.....Champaign
Asst. Treas. Geo. R. McComb, Champaign
Sec. T. B Macaulay.....Montreal, Can.
Gen. Audr. B. E. Bramble....Champaign
Compt. J. M. C. Horn..... "
Chief Surgeon, H. M. Bascom, M. D., Peoria
Claims Atty. G. R. Whittemore.... "
Fgt. Claim Agt.
J. B. Hardaway.....Springfield
Asst. to V. Pres. Exec.
E. W. Fowler.....Peoria
Supt. Mot. Pwr. & Equip.
J. M. Bosenbury..... "
Mgr. Pub. & Adv. E. E. Soules... "
Pur. Agt. H. J. Vance..... "
Ch. Oper. Engr. Eugene Hight..... "
Industrial Agt. W. H. Evans.....Lincoln

INTERURBAN LINES

Asst. Gen. Mgr.
C. F. Handshy.....Springfield
Gen. Supt. Int. Lines
L. B. Martin..... "
Supt. Transpt.
A. S. Bergschneider.....Springfield
Engr. Maint. of Way
J. I. Catherman..... "
Signal Engr. John Leisenring "
Div. Supts. { M. Connor..... Danville; J. H. Morris.....Mackinaw Jct.; A. McNeil.....Decatur; R. McCoy.....Staunton
Traffic Mgr. W. H. Wylie.....Peoria
Asst. Traffic Mgr. E. E. Kester.... "

CITY PROPERTIES

Asst. Gen. Mgr. Kansas Utilities
A. M. Patten.....Topeka, Kans.
Gen. Supt. Bloomington Lines
D. W. Snyder.....Bloomington
Gen. Supt. St. Louis Lines,
E. D. Bell.....St. Louis, Mo.
Gen. Supt. Galesburg Ry. Lt. & Pwr. Co. R. F. Carley.....Galesburg
Gen. Supt. Quincy Lines
W. A. Martin.....Quincy
Gen. Supt. Northern Illinois Lt. & Trac. Co L. W. Hess.....Ottawa
Gen. Supt. Chicago, Ottawa & Peoria Ry. Co. F. E. Fisher..... Joliet
Gen. Supt. Danville St. Ry. & Lt. Co.
J. E. Johnson.....Danville
Gen. Supt. Decatur Ry. & Lt. Co.
M. L. Harry.....Decatur
Gen. Supt. Peoria Ry. Co.
R. F. Palmblade.....Peoria
Gen. Supt. Urbana Lt., Ht. & Pwr. Co., F. W. Bedard.....Urbana
Gen. Supt. Urbana, Champaign Ry. Gas & Elec. Co. F. W. Bedard..Champaign
Gen. Supt. Jacksonville Ry. & Lt. Co. E. H. Gray.....Jacksonville
Gen. Supt. Clinton Gas & Elec. Co., C. A. Cline.....Clinton
Gen Supt. Galva Elec. Lt. Co., E. O. Brown.....Galva
Gen. Supt. Atchison Ry. Lt. & Pwr. Co., J. W. Waggoner.....Atchison, Kans.
Gen. Supt. Topeka Edison Co., A. H. Purdy.....Topeka "
Supt. Wichita R. R. & Lt. Co., H. W. Patten.....Wichita "
Supt. Topeka Ry. Co.
E. H. Rowell.....Topeka "
Gen. Mgr. Des Moines Elec. Co., M. G. Linn.....Des Moines, Ia.
Gen. Supt. Oskaloosa Trac. & Lt. Co., H. J. Porter.....Oskaloosa, Ia.
Gen. Supt. Cairo Ry. & Lt. System, R. A. Roehry..... Cairo
Actg. Gen. Supt. Jefferson City Lt., Ht. & Pwr. Co. and Jefferson City Bridge & Transit Co., H. S. Kilby, Jefferson City, Mo.
Gen. Supt. No. Missouri Lt. & Pwr. Co.
E. D. Bell.....St. Louis, Mo.

PEORIA PLANT—Ch. Engr. J. V. Rahilly, 2 a. c. G. E. tot. 4000 kw. 3 ph. 25 cys; 3200 hp. b. Stir; 8000 hp. turb. G. E.; trans volt. 33,000 v; trolley volt 650 v.

RIVERTON PLANT—Ch. Engr. N. A. Miner, 3 a. c. G. E. Allis-C. tot. 9,000 kw. 3 ph. 25 cys; 4100 hp. b. Bab. & W; 15,000 hp. turb. G. E. Allis-C; trans. volt. 33,000 v; trolley volt. 650 v.

VENICE PLANT—Ch. Engr. E. S. Forman, 3 a. c. G. E. tot. 9000 kw. 3 ph. 25 cys; 2000 hp. e. H. O. & R; 4800 hp. b. O'Brien, Bab. & W; 10,500 hp. stm. turb. G. E; 5000 kw. freq. chgrs. G. E; trans. volt. 33,000 v. 25 cys. & 60 cys; trolley volt. 650 v.

Power stas. at Champaign, Danville, Bloomington, Peoria, Riverton, Decatur, Urbana, Jacksonville, Edwardsville, Venice, Atchison, Cairo, La Salle, Galesburg, Jefferson City, Marseilles, Ottawa, Clinton, Des Moines, Quincy, Topeka, Oskaloosa. Repair shops at Danville, Venice, Jacksonville, Bloomington, Springfield, Peoria, Granite City, Staunton and Decatur.

Owns West End Park and Ball Park, Champaign and McKinley Park, Ottawa; controls Way Side Park, Tilton, Ill.; reaches Dreamland, Decatur, and Parks at Danville, Peoria, Homer and Bloomington.

596 miles; 4-8½ g; 155 pass. and 910 fgt. cars; 46 locos. and work cars. ★50

234—Peoria Ry. Co.—Office, 634 S. Adams St. (Connects Peoria, Averyville, E. Peoria and Peoria Heights. Part of Illinois Trac. System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck.....Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Geo. M. Mattis.....Champaign
Gen. Audr. B. E. Bramble.... "
Audr. Howard Johnson.....Peoria
Gen. Supt. R. F. Palmblade..... "
Claim Adjr. E. C. Cannaday..... "
Supt. Peter Brady..... "
Pur. Agt. H. J. Vance..... "
M. M., A. T. Leech..... "
Roadmaster, John Tracy..... "

Energy purchased; trolley volt. 550 v. d. c.

Repair shops at 2009 N. Adams St.

Reaches Al Fresco Park, Lake View Park and upper river resorts.

53.51 miles owned. (36 mi. 1st m. t., 15 mi. 2d m. t. and 2.51 mi. sid.) Total miles operated 36.14; 4-8½ g; 100 motor pass., 15 trail pass., 4 motor service and 8 trail service cars. ★60

235—Peoria Railroad Terminal (of the Peoria & Pekin Union Railroad)—Office, Room 33, Union Depot, Peoria. (Connects Peoria, So. Bartonville and Pekin.)

Pres. W. G. Bierd, Transp. Bldg., Chicago
V. Pres. A. C. Ridgway..... "
Sec. Geo. H. Crosby..... "
Treas. E. T. Gibbons.....Peoria
Audr. R. H. Hardin..... "
Gen. Mgr. R. W. Johnson..... "
Supt. J. M. Bath..... "
Claim Fgt. & Pass. Agt.
E. F. Stock..... "
Ch. Engr. E. H. Thornberry..... "
Elec. Engr. O. F. Prior..... "
M. M., Supt. Mot. Pwr. & Elec.
E. A. Park..... "
Roadmaster, O. Thayer..... "

Power sta. equip. 2 d. c. G. E. tot. 618 kw; 700 hp. e. Bckye; 600 hp. b. Bab. & W; trolley volt. 550 v.

Power sta. and repair shops at So. Bartonville.

35 miles; 4-8½ g; 6 motor pass. and 2 trail pass. cars and 25 fgt. cars without motors; 1 sprinkler and 1 snow plow. ★50

236—Western Rys. & Lt. Co.—Office, Peoria. (Subsidiary of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. R. McComb.....Champaign

50

PONTIAC. 6,090.

237—Bloomington, Pontiac & Joliet Ry. Co.—Office, 72 W. Adams St., Chicago. (Connects Pontiac, Odell and Dwight.)

Pres. Frank J. Baker.....Chicago
V. Pres. Charles A. Munroe..... "
Sec. Paul D. Sexton..... "
Treas. John H. Gulick..... "
Supt. (Mrs.) A. E. Sells.....Pontiac
Local Mgr. V. V. Parshall..... "
Claim Agt. B. F. Harms.....Chicago
Statistician, S. B. Cushing..... "
M. M., E. W. Clark.....Pontiac

Power sta. equip. 1 a. c. G. E. 250 kw. 3 ph. 60 cys; trolley volt. 600 v. d. c.

Energy purchased from Public Service Co. of Northern Illinois.

Repair shops at Pontiac, Ill.

Reaches Interurban Park.

19.70 miles; 4-8½ g; 2 motor pass., 2 trail pass. and 1 fgt. motor car. ★50

QUINCY. 36,798 (1916).

238—Quincy Ry. Co.—Office, 1889 Maine St. (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Supvr. Optg. Expenditures
W. J. Achelpohl.....Peoria
Gen. Audr. B. E. Bramble....Champaign
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. W. A. Martin.....Quincy
Pass. & Claim Agt.
J. G. Forsthove..... "
Ch. Engr. & Engr. Pwr. Sta.
R. H. Gentry..... "
Elec. Engr. & M. M.
L. Recksieck..... "
Engr. Maint. of Way &
Overhead Constr. J. C. Williams "

Power sta. equip. 2 d. c. G. E. tot. 1200 kw; 3 rot. conv. tot. 900 kw; 1600 hp. e. T. C., Ham. 900 hp. b. Heine; trans. volt. 33,000 trolley volt. 600 v. Energy also purchased from Mississippi River Power Co.

Power sta. at Front & State Sts.; repair shops at 20th & Hampshire Sts.

Reaches Soldiers' and Sailors' Home, So. Park, Indian Mounds, Highland and Baldwin Parks.

25 miles; 5 g; 40 motor and 20 other cars. (Contemplates additions.) ★50

ROCKFORD. 65,651. (1920)

239—Rockford City Traction Co., Office, 124-126 State Street (Controlled by the Rockford & Interurban Ry. Co., which see for officers.)

Energy purchased from Rockford Elec. Co.

Repair shops at Rockford.

Reaches Harlem Park.

27.19 miles 4-8½ g; 56 motor pass. 16 trail pass. and 7 service cars. ★50

240—Rockford & Interurban Ry. Co.—Office, 124-126 West State Street, (Controls the Rockford City Trac. Co.) (Connects Freeport, Ridott, Pecatonica, Winnebago, Rockford, Cherry Valley, Belvidere, Roscoe, Ill. and Beloit and Janesville, Wis.) (Controlled by the Union Ry. Gas & Elec. Co.)

Pres. B. C. Cobb..... } 14 Wall St.,
V. Pres. E. J. Bechtel. } New York, N. Y.
2d V. Pres. T. M. Ellis.....Rockford
V. Pres. Gen. Mgr., & Treas.
W. C. Sparks..... "
Sec. W. H. Lemons..... "
Audr. H. G. Kessler.....New York, N. Y.
Supt. Transpt, C. R. Simcox....Rockford

Pur. Agt. H. D. Hollenbeck ....Rockford
Safety Agent, S. R. Smith..... "
Gen. Fgt. & Pass. Agt.
C. C. Shockley..... "
Ch. Engr. Edwin Main..... "
Elecl. Engr. S. A. Ralston..... "
Energy purchased from Rockford Elec. Co. trans. volt. 13,200 v; trolley volt. 500-600 v.
8 sub-stas. tot. cap. 3300 kw; 11 rot. conv.
Repair shops at Rockford.
Controls Harlem Park.
86.12 miles; 4- 8½ g; 22 motor pass., 8 trail pass., 4 fgt. motor, 3 fgt. without motors and 3 service cars. Conducts fast express service. ★50

241—Union Ry., Gas & Elec. Co.—Gen. Office, 14 Wall St., New York, N. Y. (Owns all the stock of the Springfield Gas & Elec. Co., Springfield Consol. Rwy. Co., Central Illinois Lt. Co., Public Utilities Co. (Evansville, Ind.) Rockford & Interurban Ry. Co., Janesville (Wis.) Traction Co. and the DeKalb-Sycamore & Interurban Trac. Co. also owns and operates coal mine near Springfield.) (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. Geo. E. Hardy.....New York, N.Y.
V. Pres. C. M. Clark.....Philadelphia, Pa.
V. Pres. B. C. Cobb.....New York, N. Y.
Sec. & Treas.
Jacob Hekma..... " " "
Asst. Secs. & Asst. Treasrs. { C. A. Pearson, Jr. Philadelphia, Pa. / Geo. Sprague, New York, N. Y.
★50

ROCK ISLAND. 28,926 (1916).

(See No. 296.)

242—Rock Island Southern Ry. Co.—Office, Central Trust Bldg. (Temporarily operated by steam.) (Connects Davenport and Moline, Rock Island, Aledo, Alexis and Monmouth, Illinois; operates Aledo Terminal Ry.) (Controls Rock Island Southern Railroad, and is in turn controlled by Mississippi Valley Ry. & Pwr. Co.)
Pres. E. C. Walsh.....Clinton, Ia.
V. Pres. M. A. Walsh ..... "
Sec. & Gen. Mgr.
J. W. Walsh..... "
Asst. Gen. Mgr. (In Charge Operation Traffic & Supplies)
George W. Quackenbush ..Rock Island
Treas. C. H. Walsh .....Burlington. Ia.
Asst. Treas. W. C. Tubbs.....Monmouth
Ch. Acct. T. D. Moberg.....Rock Island
Supt. C. O. Griffin..... "
Fgt. Claim Agt. & Ch. Tariff Bureau, E. O. Anderson.... "
M. M., H. J. Cosgrove..... "
81 miles; 4-8½ g. ★50

243 — Tri-City Railway Co. of Illinois—Office, 1800 Third Ave., Rock Island. (Connects Rock Island, Moline, Sears and Milan.) (Controlled by the Tri City Ry. & Lt. Co.) For officers, see Tri-City Railway Co. of Iowa, Davenport, Iowa.
Energy purchased from Power Dept. of Tri-City Ry. & Lt. Co; trans. volt. 4400 v; trolley volt. 550 v.
Repair shops at Rock Island.
Owns Watch Tower Park, Rock Island, and Campbell's Island, Watertown.
59.34 miles (35.87 mi. 1st m. t., 14.46 2nd m. t. and 2.01 mi. sid.); 4-8½ g; 78 motor pass. cars. ★50

244 — Mississippi Valley Ry. & Pwr. Co.—(Controls Rock Island Southern Ry. Co., (temporarily operated by steam), Aledo Terminal Ry. and Edwards River Power Co.)
Pres. J. A. Hanley.....Davenport, Ia.
Sec. M. A. Walsh.....Clinton, Ia.
Treas. G. W. Quackenbush
Central Trust Bldg., Rock Island
50

SPRINGFIELD. 61,120 (1916).

(See also Nos. 223 and 233.)

245—Springfield Consolidated Ry. Co.—Office, 400 East Monroe St., Springfield. (Controlled through stock ownership by the Union Ry., Gas & Elec. Co. which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. B. C. Cobb,
14 Wall St., New York, N. Y.
V. Prests. { E. J. Bechtel " " / Gen. Mgr. & Pur. Agt. A. D. Mackie..Springfield / Bluford Wilson "
Sec. E. E. Corken..... "
Asst. Sec. R. E. Eddy..... "
Treas. E. L. Sturtevant..... "
Asst. Treas. S.E. Wolff..New York, N. Y.
Audr. Thos. F. Morris.....Springfield
Gen. Supt. Joseph O'Hara.... "
Cl. Agt. F. F. Whipp..... "
M. M. Frank P. McNeil..... "
Roadm. & Engr. Ovhd. Const. G. A. Bengel, So. 6th St., "
Energy purchased from Springfield Gas & Elec. Co.; trolley volt. 550 v.
Repair shops at 6th & Ash Sts.
Reaches White City, Mildred, Lincoln and Washington Parks and Illinois State Fair Grounds.
43.95 miles; 4-8½ g; 89 motor pass., 12 trail pass. and 24 other cars. 50

STERLING. 7,467.

(See No. 198.)

STREATOR. 14,304.

246—Illinois Lt. & Trac. Co.—Office, 72 W. Adams St., Chicago.
Pres. Geo. H. Lukes.....Chicago
Treas. George R. Jones..... "
Local Supt. J. M. Willard.....Streator
Statistician, S. B Cushing.....Chicago
Claim Agt. B. F. Harms..... "
Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 550 v.
Repair shops at Traction Bldg.
Reaches Fair Grounds, Chautauqua Park and Base Ball Park (owned).
6.1 miles; 4-8½ g; 14 cars. ★50

TAYLOR SPRINGS. 2,000 (1913).

(See No. 214.)

TAYLORVILLE. 5,446.

247—Central Illinois Public Service Co.—For general officers, see Mattoon.
Supt. Kelly Wiggin.....Taylorville
Trolley volt. 550 v.
3.709 miles; 4-8½ g; 3 motor cars and 1 other car. 60

URBANA. 9,889.

248 — Kankakee & Urbana Trac. Co.—Office, 106 Market St., Urbana. (Connects Urbana, Champaign, Thomasboro, Rantoul, Ludlow and Paxton.)
Pres. Dr. C. L. Van Doren.....Urbana
V. Pres. & Pur. Agt. U. G. Fowler Rantoul
Sec. & Gen. Supt. E. D. Blinn.....Urbana
Treas. J. B. Webber..... "
Audr. Eva L. Denman .....Paxton
M. M., Chas. Blake.....Urbana
Energy purchased from Illinois Trac. System and Cent. Ill. Utilities Co; trans. volt. 33,000 v. 3 ph. 25 cys; 2 rot. conv. West. tot. 600 kw; trolley volt. 600 v.
Repair shops at Urbana,

Reaches Chanute Field, Government Aviation Field at Rantoul and Wesslund Park, Paxton.
26 miles; 4-8½ g; 3 motor pass., 1 trail pass., 1 fgt. and 12 other cars. (Co. does general lighting and power business in Thomasboro.) 60

VENICE. 3,718.

(See No. 543.)

WAUKEGAN. 20,344 (1916).

(See No. 213.)

WHEATON. 3,423.

(See No. 162.)

YORKVILLE. 431.

(See No. 164.)

INDIANA.

ALBANY. 1,289.

(See No. 289)

ANDERSON. 29,767. (1920)

249—Union Trac. Co. of Indiana—Office, Union Bldg., Anderson. (Leases the Muncie, Hartford & Ft. Wayne Ry. Co., Indianapolis, New Castle & Eastern Traction Co. and The Muncie & Portland Trac. Co.; operates city lines in Anderson, Muncie, Marion, Elwood and interurban lines between Indianapolis and Muncie; Muncie and Bluffton; Muncie and Union City; Muncie and Portland; Anderson and Marion; La Fontaine and Wabash; Anderson and Middletown; Alexandria and Tipton; Indianapolis and Logansport; Kokomo and Peru; Indianapolis and Newcastle. Controls the Traction Lt. & Pwr. Co.)
Pres. Arthur W. Brady.....Anderson
V. Pres. Phillip Matter..... "
Sec. & Treas. W. H. Forse, Jr... "
Asst. Sec. & Treas.
Marshall S. Morgan...Philadelphia, Pa.
Audr. W. Shroyer.....Anderson
Gen. Mgr. H. A. Nicholl ..... "
Supt. Transpt. C. S. Keever.... "
Pur. Agt. H. R. Biery..... "
Supt. Pwr. Plts. Frederick L. Ray "
Supt. Pwr. Distr., J. O. Penisten "
Real Est. & Tax Agt.
C. H. Allen ..... "
Gen. Atty. J. A. Van Osdol..... "
Claim Adjr. Elmer E. Slick..... "
Gen. Pass. & Fgt. Agt.
F. D. Norviel..... "
Fgt. Claim Agt.
M. E. Graston.....Indianapolis
Supt. Motive Pwr.
M. F. Skonden.....Anderson
Engr. M. of W., L. A. Mitchell. "

ANDERSON STA. EQUIP. 5 a. c. Westg. tot. 5000 kw. 3 ph. 25 cys; 7500 hp. e. R. & S; 6400 hp. b. Bab. & W; 1 low pressure Parson's turbine 2500 kw; trans. volt. 15,000-30,000 and 26,000 v; trolley volt. 600 v.

EATON STA. EQUIP. 2 a. c. G. E. tot. 1080 kw. 3 ph. 25 cys; 1500 hp. e. Cpr; 900 hp. b. Stir; trans. volt. 15,000 v; trolley volt. 650 v.

WINCHESTER STA. EQUIP 2 a. c. Westg. tot. 1000 kw. 3 ph. 25 cys; 1600 hp. e. Bckye; 1200 hp. b. Stir; trans. volt. 15,000 v; trolley volt. 650 v. d. c.
Power stas. at Anderson, Winchester and Eaton; repair shops at Anderson, Muncie, Marion, Elwood, Tipton, Winchester and Portland.

Owns Mounds Park, Anderson; West Side Park, Muncie: Broad Ripple Park, Indianapolis; Riverside Park, Eaton.
455 miles; 4-8½g; 360 cars, of which 225 are electrically equipped. (Includes mileage and equipment of leased lines.) ★50

249a—Indianapolis, New Castle & Eastern Trac. Co.—(Leased to Union Trac. Co. of Indiana, which see for officers.)
64 miles; 4-8½ g; 8 motor and 2 other cars. 109

BEECH GROVE. 568.

251—Beech Grove Trac. Co.—Office, Indianapolis. (Connects Indianapolis and Beech Grove.)
Receiver, Fletcher Trust & Svgs. Co. Indianapolis
Pres. Wm. Garstang..... "
Sec. & Treas. C. F. Schmidt "
Supt. & Pur. Agt.
Guy Rutledge.....Beech Grove
2 d c. F. M. & Co.; tot.——; trans. volt. 4100 v; trolley volt. 550 v.
Power station and repair shops at Beech Grove.
4.3 miles (3.9 mi. 1 st. m. t. and 0.4 mi. sid.); 4-8½ g; 3 motor pass., 1 motor service and one trail service car. ★50

BLUFFTON. 4,987.

253—Marion & Bluffton Trac. Co.—Office, 114½ S. Johnson St., Bluffton. (Connects Marion, Hanfield, Landessville, Van Buren, Warren, Liberty Centre and Bluffton.)
Pres. Jas. W. Sale.....Bluffton
V. Pres. Abram Simmons..... "
Sec., Gen. Mgr., Audr. & Pur. Agt.
James S. Clark ..... "
Treas. John S. Gilliland ..... "
Supt. & Engr. M. of W.
George A. Redd..... .... "
Gen. Fgt. & Pass. Agt. I. Stanton "
M. M., Forest E. Blair..... "
Energy purchased from Indiana General Service Co., Marion; trans. volt. 22,000 v.; trolley volt. 600 v.
Repair shops at Bluffton.
2 sub. stas. 3 rot. conv.
Reaches Goldthwaite Park, Marion (owned).
33.44 miles (31.84 mi. 1 st. m. t. and 1.60 mi. sid.): 4-8½ g, 9 motor pass., 1 motor freight, 3 trail freight and 1 motor service cars. (Co. does lighting and power business. ★50

BOONVILLE. 3,934.

(See No. 263.)

BRAZIL. 10,315 (1916).

(See No. 293.)

COLUMBUS. 9,241 (1916).

254—Central Indiana Lighting Co.—Office, 510 Board of Trade, Indianapolis. (Controlled by Interstate Public Service Co. and is a subsidiary of Middle West Utilities Co.)
Pres. Harry Reid.....Louisville, Ky.
V. Pres. E. Van Arsdel.....Indianapolis
Sec. & Treas. Ira E. Guthrie. "
Supt., L. M. Brown Irwin's Bk. Bldg. Columbus
Pur. Agt. C. H. Dallow.....Indianapolis
Safety Mgr. James Harmon..New Albany
M. M., H. H. Buckman..... "
Engr. M. of W., R. J. Custer...Columbus
Engr. Ovhd. Const.
W. H. Jennings.....Greenwood
Energy from Interstate Public Service Co.; trolley volt. 600 v.
5.5 miles; 4-8½ g; 5 motor cars. (Company furnishes energy for lighting and power.) 50

255 — Indianapolis, Columbus & Southern Trac. Co.—Office, Columbus. (Connects Indianapolis, Southport, Greenwood, Whiteland, Franklin, Amity, Edinburg, Taylorsville, Columbus, Azalia, Reddington and Seymour, with direct connections for Louisville, Ky.) (Operated under lease by the Interstate Public Service Co. which owns all equipment.) For operating officers see No. 275.

Pres. Wm. G. Irwin.....Columbus
V. Pres. Linnie Irwin Sweeney "
Sec. & Treas. Hugh T. Miller... "

Energy purchased from Merchants Heat. & Light. Co., Indianapolis.

Sub-stas. at Southport, Franklin, Columbus and Reddington.

Repair shops at Greenwood.

62 miles; 4-8½ g; 15 motor pass.. 4 fgt. motor, 4 fgt. without motors and 5other cars. 50

CRAWFORDSVILLE. 11,164 (1916)

(See No. 276.)

CROWN POINT. 2,526.

256—Gary & Southern Trac. Co.—Office, Crown Point. (Connects Gary and Crown Pt.)

Pres. O. L. Wildermuth.....Gary
V. Pres. John Brown.....Crown Point
Sec. & Treas. Albert Maack.. "
Audr. H. A. Davis.....Cleveland, O.
Oper Mgrs.
The Warren-Bicknell Co., Cleveland, O.
Supt., Claim & Pur. Agt.,
C. J. Fifer.....Crown Point

Energy purchased from Northern Ind. Gas & Elec. Co: trolley volt. 700 v.

1 sub. sta. 600 kw. cap.

Repair shops at Lottaville.

15 miles; 4-8½ g; 4 motor cars. 50

DECATUR. 4,471.

257—Fort Wayne & Decatur Trac. Co. — Office, Interurban Sta. (Successor to the Ft. Wayne & Springfield Ry. Co.) (Connects Ft. Wayne and Decatur.)

Pres. Jas. H. Haberly.....Ft. Wayne
Sec. L. F. Eberbach..... "
Treas. H. J. Bowerfind..... "
Audr. Homer Ruhl.....Decatur
Gen. Mgr. & Pur. Agt.
Sam W. Greenland.....Ft. Wayne
Gen. Fgt. & Pass. Agt.
J. A. Greenland..... "
Roadmaster, A. M. Henry.....Decatur

Energy purchased; trans. volt. 33,000 v; trolley volt. 1200 v. d. c.

1 sub-sta. cap; 400 kw. 2 rot. conv.

Repair shops at Ft. Wayne.

21.7 miles; 4-8½ g; 4 motor and 3 other cars. ★50

DUNKIRK. 3,031.

(See No. 289.)

EATON. 1428

(See No. 284)

ELWOOD. 11,028.

(See No. 249.)

EVANSVILLE. 76,078 (1916).

262 — Evansville & Ohio Valley Ry. Co.—Office Evansville. (Owns and operates the Evansville Rys. Co: Evansville, Henderson and Owensboro Ry. Co.; Evansville & Mt. Vernon Elec. Ry., Evansville & Eastern Elec. Ry. and Evansville Terminal Ry., operating through cars from Mt. Vernon through Evansville to Newburgh, Rockport and Grandview and branch line to Richland. Connects with Crescent Navigation Co. at Rockport for Owensboro, Ky. Also 10.93 miles of track between Evansville & Henderson, Ky., owned by the Illinois Central R. R., now electrified and leased. Also controls Henderson (Ky.. Trac. Co. and Owensboro (Ky.) City R) R. Co.)

Pres. Wm. H. McCurdy..... Evansville
V. Pres. Wm. A. Koch..... "
V. Pres. & Gen. Mgr.
Wm. A. Carson..... "
Sec. & Treas. C. H. Battin..... "
Audr. Geo. W. Wilson..... "
Gen. Supt. & Pur. Agt.
G. R. Millican..... "
M. M. Geo. W. Burke..... "
Supt. Transpt., E. L. Moore... "
Ch. Engr. Pwr. Sta. W. A. Parker..Hatfield
1 portable sub-sta.

Reaches Cypress Beach and Atkinson and Buentes Grove Parks.

Total mileage and rolling stock: 73.43 miles; 4-8½ g; 13 pass.. 3 motor fgt., 1 motor work and 97 stm. fgt. cars; 1 derrick and 1 gas. steel ferry boat. ★50

263—Evansville, Suburban & Newburgh Ry. Co.—Gen. Office. 317 Upp. 5th St., Evansville, Ind. (Operating elec. pass. service and stm. and elec. fgt. service between Evansville and Newburgh and Evansville and Boonville, Stephenson and Chandler.)

Pres., & Gen. Mgr.
Gus Muhlhausen.....Evansville
V. Pres. & Treas., Chas. W. Cook "
Sec. Jas. E. Cox..... "
Audr. C. H. Hendricks..... "
Supt. Alex. Clinard..... "
Roadmaster, J. G. Castleman.. "

Energy purchased from Public Utilities Co., Evansville; trans. volt. 13,000 v; 2-300 kw. rot. conv; trolley volt. 600 v.

Repair shops at Evansville.

Reaches Barnett's Park and Knebbler's Garden.

24.25 miles; 4-8½ g; 5 motor pass., 12 trail pass., 1 fgt. motor and 169 fgt. without motors and 1 service car; 3 steam locos. 109

265—Public Utilities Co.—Office, Second and Sycamore Sts., Evansville. (Controlled through stock ownership by Union Ry., Gas & Elec Co., which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.) (Connects Evansville, Haubstadt, Ft. Branch, Kings, Princeton and Patoka.)

Pres. B. C. Cobb,
14 Wall St., New York, N. Y.
V. } W. H. Barthold...New York, N. Y.
Prests. } Gen. Mgr. F. J. Haas, Evansville
Sec. C. E. Oswald..... "
Treas. C. F. Froelich..... "
Gen. Supt. J. J. Geringer..... "
Claim, Fgt. & Pass. Agt.
James Rollins..... "
Pur. Agt. J. W. Alvey..... "
Ch. Engr. Pwr. Sta.
George E. Sloats..... "
M. M., Alex. Newhouse..... "

Power sta. equip. 8 a.c. turbo-gen. G. E, West, Allis-C. tot. 14,500 kw. 4000 v. 3 ph. 60 cys; 4200 hp. b. Bab. & W; trans. volt. 13 500-20,000 v; trolley volt. 600 v.

Power stas. and repair shops at Evansville.

Reaches Oak Summit, Cook's Park, Garvin Park, Cook's Grove and Mesker Park.

68.87 miles; 4-8½ g; 89 motor pass. and 11 other motor cars; 1 elec. loco. (Company does general ltg. and pwr. business in Evansville and sells energy to Evansville, Suburban and Newburgh Ry. Co.) ★50

FT. WAYNE. 95,000. (1919).

(See also No. 257.)

266—Indiana Service Corporation. (Formerly Ft. Wayne & Northern Indiana Trac. Co.)—Office, 310

W. Main St. Owns and operates city lines at Ft. Wayne, Wabash, Peru and Logansport; connects Ft. Wayne, Huntington, Andrews, Wabash, Peru, Logansport, LaFayette and Bluffton.)
Pres. Robert M. Feustel.....Ft. Wayne
V. Pres. & Gen. Mgr.
S. W. Greenland..... "
Sec. & Treas.
H. E. Vordermark..... "
Asst. Sec. & Asst. Treas.
W. J. Woods..... "
Audr. F. H. Schmidt.....Ft. Wayne
Supt. Transp. R. N. Hemming "
Local Supts. { C. A. Beamer..Ft. Wayne / R. Howey.....Logansport
Claim Agt. F. R. Fahlsing.....Ft. Wayne
Gen. Pass. & Fgt. Agt.
J. A. Greenland..... "
Pur. Agt. F. C. Cour..... "
Elec. Engr. W. S. Richart.... "
Ch. Engr. Pwr. Sta.
W. J. Maxwell.....Spy Run "
Supt. M. of W., H. V. Norford "
Supt. of Motive Pwr.
Arthur W. Redderson..... "
Supt. Overhead Constr.
H. O'Brien..... "

FORT WAYNE PWR. STA. EQUIP.—2 d. c. G. E. tot. 2000 kw; 6 a.c. Westg, G. E. tot. 22,000 kw. 4000 & 375 v. 3 ph. 25 & 60 cys; 4900 hp. b. Bab. & W, Stir; 19,000 kw. turb. (stm.) G. E, Westg; trans. volt. 33,000-4000 v; trolley volt. 600 v.

13 sub.-stas. tot. cap. 4900 kw.; 16 rot. conv.

Power stas. at Spy Run and Ft. Wayne; repair shops at Ft. Wayne, Boyd Park, Huntington and Logansport.

Reaches Robinson Park at Ft. Wayne and Spencer Park at Logansport.

220 miles (139 inter. & 81 city); 4-8½ g; 203 motor and 54 other cars. (Company does general lighting and power business.) ★50

FRENCH LICK. 1,803.

267—French Lick & West Baden R. R. Co. (Formerly connected French Lick & W. Baden.)

1.78 miles; 4-8½ g; 3 motor cars and 1 other car. (Operation discontinued July 31, 1919.) 50†

GARY. 16,802.

(See also No. 269.)

268—Gary Street Railway Co. Office, 567 Broadway, Gary. (Formerly Gary & Interurban R.R. Co.) (Connects Gary, Hammond and East Chicago.)
Pres. Chas. W. Chase.....Gary
Sec. R. M. Scheidt..... "
Treas. L. E. Woodward..... "
Supt. & Pur. Agt. T. G. Hamilton... "
Claim Agt. F. T. Holliday..... "
Elec. Engr. (Supt. Pwr. & Lines)
J. A. Norman..... "
M. M., J. P. Gannon..... "
Engr. M. of W., Fred Kimmel..... "

Energy purchased from Calumet Elec. Co.

1 sub-sta. cap. 2000 kw.; 3 rot conv.

Repair shops at 22d Ave. & Jefferson St., Gary.

31 miles; 4-8½ g; 53 motor pass., 9 trail pass., 1 fgt. motor, 1 work and 4 flat cars; 2 snow sweepers. ★50

GREENFIELD. 4,448.

(See No. 276.)

HAMMOND. 26,171 (1916).

(See Nos. 172, 183 and 268.)

HOBART. 1,783.

269—Gary & Hobart Trac. Co. Office Hobart. (Part of Gary Street Ry. Co. system.) (Connects Gary and Hobart.)
Pres., Treas. & Gen. Mgr.
Adlai T. Ewing..... Hobart
V. Pres. William Earle.....Gary
Sec. A. J. Smith..... Hobart
Audr. E. E. Ream..... "
M. M., Orville L. Frazee..... "

Energy purchased from Calumet Elec. tric Co., Gary, Ind.; trolley volt. 600 v. Repair shops at Hobart.

Reaches Lake George Park.

5.5 miles (all 1st m. t.); also 0.75 miles track rights; 4-8½ g; 3 motor pass. cars, 1 fgt. motor and 1 ftg. car without motor. ★60

INDIANAPOLIS. 271,708 (1916)

(See also Nos. 254, 255, 280 and 290.)

271—Indianapolis & Cincinnati Trac. Co.—Gen. Office, Rushville; executive office, Room 310, Trac. Terminal Bldg., Indianapolis. (The Shelbyville Division was formerly owned and operated by the Indianapolis, Shelbyville & Southeastern Trac. Co.) (Connects Indianapolis, Julietta, New Palestine, Reedville, Fountaintown, Morristown, Glenwood, Connersville, Gwynnville, Arlington and Rushville.) (The Shelbyville Div. connects Five Points, New Bethel, Acton, London, Fairland, Shelbyville, Prescott, Waldron, St. Paul, Adams and Greensburg.)
Pres., Gen. Mgr. & Pur. Agt.
Chas. L. Henry.....Indianapolis
V. Pres. W. T. Durbin.....Anderson
Treas. J. F. Wild.....Indianapolis
Audr. Amos Baxter..... "
Claim Adj., Supt. & Ch. Clerk
Chas. Zoller..... "
Asst. Pur. Agt.
Miss Theresa Reardon.... "
Ch. Engr. Pwr. Sta.
Sam'l Waggoner.....Rushville
M. M., Geo. W. Skipton,..... "

Power sta. equip. 4 a. c. —— tot. 2000 kw. s. ph. 25 cys; 3000 kw. b. Bab. & W; 2000 kw. stm. turb. G.E; trans. volt. 33,000 v; trolley volt. 3300 v. s. ph. 25 cys. a. c. & 575 v. d. c.

Power sta. and repair shops at Rushville.

107 miles; 4-8½ lg; 20 pass. and 5 express cars. ★70

274—Indianapolis Street Railway Co. (Formerly Indianapolis Traction & Terminal Co.—Office, Traction Terminal Bldg.) (Consolidation of Indianapolis Trac. & Term. Co. and leased lines of Indianapolis St. Rwy. Co.)
Pres. & Gen. Mgr.
Robert I. Todd.....Indianapolis
V. Prests. { Henry C Thompson... " / Charles S. Becker.... "
Sec. & Treas. Jos. A. McGowan.. "
Asst. Sec. & Asst Treas.
W. F. Milholland..... "
Audr. L. J. E. Foley..... "
Supt. Jas. P. Tretton..... "
Pur. Agt. Harry H. Lloyd..... "
Supt. Ovhd. Const. Edward Heydon "
Claim Agt. Joseph G. Bruce..... "
Ch. Engr. Thos. B. McMath..... "
Elec. Engr. & Ch. Engr.
Pwr. Sta. Charles Hogate..... "
M. M., J. F. Elward..... "

Power sta. and repair shops at 1150 W. Washington St.

Reaches and controls Fairview Park.

141 miles; 4-8½ g; 533 motor pass., 34 other motor and 64 other cars. ★50

275—Interstate Public Service Co.—Gen. Office, 510 Board of Trade, Indianapolis. (A subsidiary of the Middle West Utilities Co.) (Controls Indianapolis & Louisville Traction Ry.

Co. and Central Indiana Lighting Co. of Columbus. Operates under lease the Indianapolis, Columbus & Southern Traction Co.) Connects Indianapolis Greenwood, Franklin, Edinburg, Columbus and Seymour, with connections for Louisville, Ky.) (Also owns and operates electric, gas, heat and water properties throughout the state.)

Pres. Harry Reid.....Louisville, Ky.
V. Pres. & Gen. Mgr.
E. Van Arsdel.....Indianapolis
Sec. & Treas. Ira E. Guthrie.. "
Pur. Agt. C. H. Dallow..... "
Supt. L. M. Brown.....Columbus
Claim Agt. James Harmon...New Albany
Gen. Fgt. & Pass. Agt.
Bert Weedon.....Indianapolis
Supt Pwr. H. C. Bouslog.....Edinburg
M. M., H. H. Buckman.....Scottsburg
Elec. Engr. C. C. Argabrite..Indianapolis
Engr. M. of W. R. J. Custer....Columbus
Engr Ovhd. Constr.
W. H. Jennings.....Greenwood

Energy purchased from Merchants Heat & Light Co. and Central Indiana Lighting Co., trans. volt. 33,000 v; trolley volt. 600 v.

6 sub stas. tot. cap. 350 kw; 6 rot. conv; 6 mo. gen. sets.

Repair shops at Greenwood.

69 miles 4-8½ g. 15 motor pass. 4 fgt. motor, 4 fgt. without motors and 5 other cars. ★50

76—Terre Haute, Indianapolis & Eastern Traction Co.—Office, Trac. Terminal Bldg., Indianapolis.

Acquired by purchase the following:

Indianapolis Coal Traction Co., connecting Indianapolis, Ben Davis, Bridgeport and Plainfield, 10 miles; extended this line through Cartersburg, Clayton, Amo, Coatsville, Fillmore, Greencastle and Harmony to Brazil, total 52 miles.

Indianapolis & Western Ry. Co., connecting Indianapolis, Holt, Huron, Brickert, Hadley and Danville, 17 miles.

Indianapolis & Eastern Ry. Co., connecting Indianapolis, Cumberland, Philadelphia, Greenfield, Knightstown, Dunreith, Lewisville and Dublin, with branch line from Dunreith through Spiceland to New Castle, 59 miles.

Richmond St. & Interurban Ry. Co., connecting with the Indianapolis & Eastern Ry. Co., at Dublin and extending through the towns of Cambridge City and Centerville to Richmond, with branch line from Cambridge City to Milton; also owns and operates street railway system in Richmond, total 28 miles (15 interurban and 13 city track.)

Leases the following:

Indianapolis & Northwestern Traction Co., connecting Indianapolis, Augusta, Zionsville, Whitestown, Lebanon, Frankforth, Mulberry, Dayton and Lafayette, with branch line from Lebanon to Crawfordsville, 84 miles.

Indianapolis & Martinsville Rapid Transit Co., connecting Indianapolis, Maywood, Valley Miles, Mooresville, Brooklyn, Bethany and Martinsville, 28 miles.

Indianapolis, Crawfordsville & Danville Elec. Ry. Co., connecting Indianapolis, Clermont, Brownsburg, Pittsboro, Lizton, Jamestown, New Ross, Linnsburg and Crawfordsville, 42 miles.

Terre Haute Traction and Light Co. (See Terre Haute.)

Pres. & Gen. Mgr.
Robt. I. Todd.....Indianapolis
V. Prests. { Marshall S. Morgan Philadelphia, Pa. / Jno. J. Appel...Indianapolis
Sec. & Treas.
Jos. A. McGowan..... "
Asst. Sec. & Asst. Treas.
W. F. Milholland..... .... "
Audr. L. T. Hixson..... "
Gen. Supt. G. K. Jeffries....Indianapolis
Claim Agt. Wm. Tichenor.. "
Pur. Agt. Harry H. Lloyd.. "
Gen. Pass. & Fgt. Agt.
J. H. Crall..... "
Ch. Engr. T. R. H. Daniels. "
Supt. Distbrn. & Sub. Sta.
A. Schlesinger..... "
Ch. Engrs. { Charles Hogate....Indianapolis / V. A. Caldwell..Crawfordsville / V. Caldwell.....Lebanon
Pwr. Stas. { Chas. Gately..... Philadelphia / Wm. Mutchener.....Richmond
Roadmaster
John O'Laughlin..... Indianapolis
Mast. Mechs. { J. F. Elward " / J. W. Osborne...Lebanon / C. W. Duncan..Greenfield
Div. Supts. { O. P. Spillman.....Lebanon / F. H. Warner.....Greenfield / A. Gordon.....Richmond
Actg. Div. Supts. { J. E. Hoffner, Brazil & Danville / H. H. Arnold, Crawfordsville
Ch. Lineman, H. L. Schaid.....Lebanon

INDIANAPOLIS PLANT—2 a. c. turbo-gen. West. tot. 20,000 kw. 3 ph. 25 cys; 6240 hp. b. Bab. & W; trans. volt. 33,000 v; trolley volt. 675 v.

PHILADELPHIA PLANT—2 d. c. West. Bull. tot. 160 kw; 1 a. c. Bull. 1000 kw. 370 v. 3 ph. 25 cys; 2000 hp. e. Ham. Cor; 1500 hp. b. Sterling; 1500 kw. turb. (stm.) West; trans. volt. 13,200 v; trolley volt. 650 v.

RICHMOND PLANT—2 d.c. S. & H. tot. 600 kw; 1000 hp. e. Bckye; 1135 hp. b. Edge, Sterling; trans. volt. 13,200 v; trolley volt. 600 v.

LEBANON PLANT—3 a. c. G. E. tot. 2400 kw. 370 v. 3 ph. 25 cys; 3600 hp. e. Ham. Cor; 3000 hp. b. Sterling; trans. volt. 26,400 v; trolley volt. 650 v.

CRAWFORDSVILLE PLANT—2 a. c. Allis-C tot. 1400 kw. 405 v. 3 ph. 25 cys; 1000 hp. e. Allis-C; 1400 hp. b. Sterling; trans. volt. 33,000 v; trolley volt. 650 v.

Power stations at West Tenth St. & White River Blvd., Indianapolis (Main Sta.), Philadelphia, Richmond, Lebanon and Crawfordsville.

Repair shops at Indianapolis, Greenfield, Richmond and Lebanon.

Total miles of track owned and operated, 410; 4-8½ g; 231 motor pass., 3 trail pass., 17 fgt. motor, 22 fgt. trail and 44 work cars; 4 elec. locos. ★50

JEFFERSONVILLE. 10,412.

(See Nos. 285 and 286.)

KENDALLVILLE. 4,961.

277—Ft. Wayne & Northwestern Ry. Co.—Office, Kendallville. (Connects Kendallville, Avilla, Garrett, Auburn, Waterloo, Huntertown and Ft. Wayne.)

Pres. & Gen. Mgr.
C. J. Munton.....Kendallville
1st V. Pres. W. L. Taylor
State Life Bldg., Indianapolis, Ind.
2d V. Pres. J. H. Rose.....Ft. Wayne
Sec. & Audr. V. R. Shick ...Kendallville
Ch. Engr. Pwr. Sta. M. J. Ogden "
M. M., Homer Reid..... "
Engr. M. of W., Philip Holman "

Power sta. equip. 2 a. c. G. E. tot. 1600 kva. 3 ph. 25 cys; 1200 hp. b. Stir; 1600 kw. stm. turb. G. E. (Curtis); trans. volt. 33,000 trolley volt. 600 v.

4 sub-stas. total cap. 1200 kw; 4 rot. conv.

Power sta. and repair shops at Kendallville.

41 miles; 4-8½ g; 5 motor pass., 1 trail pass., 2 fgt. motor, 4 fgt. without motors, 2 service and 3 other cars. (Company does limited general lighting and power business.) ★50

KOKOMO. 30,067 (1920).

278—Indiana Rys. & Lt. Co.—Offices 112-114 E. Sycamore St. (Operates properties formerly known as Kokomo, Marion & Western Trac. Co., Kokomo Public Utilities Co. and Kokomo, Frankfort & Western Trac. Co. consisting of railway lines between Frankfort and Kokomo; Kokomo and Marion, also city lines in Kokomo.)
Pres. Geo. J. Marett.....Indianapolis
V. Pres. L. J. Kirkpatrick.....Kokomo
Sec. L. B. Hodgin..... "
Treas. A. R. Holliday.....Indianapolis
Audr. & Asst. Sec. Karl A. George. Kokomo
Asst. Treas., Gen. Mgr. & Ch. Engr. P. H. Palmer..... "
Ass't Gen. Mgr. & Pur. Agt. C. F. Richardson..... "
Supt. of Transpt. S. R. Humbert "
Gen. Fgt. & Pass. & Claim Agt. C. P. Ryan..... "
Elec. & Signal Engr. A. McIlrath "
Ch. Engr. Pwr, Sta. L. C. Fitzsimmons..... "
M. M., M. S. Ferguson..... "
Engr. M. of W., C. S. Head..... "
Engr. Ovhd Constr. L. W. Turner "

Power sta. equip. 4 a. c. turbo-gen. Allis-C. Westg. G. E. tot. 10,200 kw. 2300 v. 2 ph. 60 cys; 4970 hp. b. Stir; trans. volt. 22,000 v; trolley volt. 650 v.

Power sta. and repair shops at Kokomo. Reaches Athletic Park (owned).

62 miles; 4-8½ g; 24 motor pass.. 2 trail pass., 4 other motor and 15 other cars; 2 elec. locos. Company does general lighting and power business. ★50

LA FAYETTE. 21,286 (1916)

(See also No. 266)

279—La Fayette Service Co. (Has taken over the La Fayette section of Ft. Wayne & Northern Indiana Trac. Co.)
Gen. Mgr. R. W. Levering....La Fayette
Ch. Engr. Pwr. Sta. V. H. Cox.. "
M. M. H. Creasey..... "

Power sta. equip. 2 d. c. G. E. tot. 100 kw; 4 a. c. tot. 2000 kw. 375-2200 v. 2 & 3 ph. 25 & 60 cys; 1500 hp. e. Ham. Cor; 2400 hp. b. Stir; 1000 kw. Westg. turb. (stm.); trans. volt. 33,000-6600-2300 v; trolley volt. 550 v.

Power sta. at foot of South St. Repair shops at 10th & Ferry Sts.

Reaches Tecumseh Trail Park.

25 miles; 4-8½ g; 20 motor and 3 other cars. ★50

LA FONTAINE. 683.

(See No. 249.)

LA PORTE. 13,202 (1916).

(See No. 291.)

LEBANON. 5,474.

(See also No. 276.)

280—Lebanon-Thorntown Trac. Co.—Office, 105 Market St., Thorntown. (Connects Lebanon and Thorntown.)
Pres. & Gen. Mgr. Robt. P. Woods 1500 Grand Ave., Kansas City, Mo.
Vice-Pres. Frank M. Reed...Indianapolis
Sec., Treas., Supt. & Pur. Agt. Geo. S. Hill .....Lebanon

Energy purchased from Terre Haute, Indianapolis & Eastern Traction Co.; trolley volt. 550 v. d. c.

Repair shops at Lebanon.

10 miles; 4-8½ g; 2 pass. cars. ★70

LOGANSPORT. 21,046 (1916).

(See also No. 249.)

281—Indiana Service Corporation For executive officers, see Ft. Wayne. Local Supt.
R. Howey.....31 43d St.. Logansport

Sub-sta. equip. 1 rot. conv. Bull. 500 kw. 600 v.

13 miles; 4-8½ g; 8 motor and 6 trail cars. ★50

MARION. 19,684.

(See Nos. 249 and 278.)

MARTINSVILLE. 4,599.

(See No. 276.)

MICHIGAN CITY. 21,512 (1916).

283—The Chicago, Lake Shore & South Bend Ry. Co.—Office, Michigan City. (Controls The Indiana Harbor Line and Kensington & Eastern R. R. Co. (leased.) (Connects Chicago, Pullman and Kensington (Ill.) and Hammond, E. Chicago, Indiana Harbor, Gary, Michigan City, New Carlisle and South Bend, Ind.)
Chmn. of B., F. H. Goff....Cleveland, O.
Pres. & Gen. Mgr. C. N. Wilcoxon.....Michigan City
V. Pres. S. H. Tolles .....Cleveland, O.
Sec. & Treas. R. R. Alexander "
Audr. Frederick Pantel....Michigan City
Supt. Jas. K. Gray..... "
Claim Agt. F. J. Lewis Meyer..South Bend
Traffic Mgr. L. P. Forbes.. Michigan City
Pur. Agt. H. F. Kirk..... "
Roadmaster, J. A. Forsyth.. "

Power sta. equip. 4 a. c. turbo-gen. Westg. tot. 10,000 kw. 6600 v. s. & 3 ph. 60 & 25 cys; 4000 hp. b. Stirling; trans. volt. 33,000 v; trolley volt. 6600 v. s. ph. a. c.

Power station and repair shops at Michigan City.

Reaches Lake Park.

100 miles (single ph. catenary); 4-8½g; 20 motor and 72 other cars; 2 elec. locos. (Company sells energy for lighting and power.) ★50

MOUNT VERNON. 5,563.

(See No. 262.)

MUNCIE. 36,524 (1920).

(See also No. 249.)

284—Muncie, Hartford & Ft. Wayne Ry. Co.—(Leased to the Union Traction Co. of Indiana, which see for officers and power plant equipment.)
Power sta. at Eaton.
Owns Riverside Park, Eaton.
42 miles; 4-8½ g; 12 cars. 50

NEW ALBANY. 23,629. (1916)

285—Louisville & Northern Ry. & Ltg. Co.—Office, 138 E. Spring St. (Connects Louisville, Ky., Jeffersonville, New Albany, Watson and Sellersburg, Ind., and branch to Charlestown, Ind. Operates over Kentucky & Indiana Bridge & Ry. Co. between Louisville, and New Albany, and connects with Indianapolis & Louisville Trac. Co. at Sellersburg, Ind., giving through service to Indianapolis. Subsidiary of the Middle West Utilities Co.)
Pres. Harry Reid.....Louisville, Ky.
V. Pres. & Gen. Mgr. L. D. Spragle.....New Albany
Sec. & Treas. Ira E. Guthrie, Indianapolis
Supt. L. M. Brown.....Columbus
Claim Agt. Jas. Harmon...Louisville, Ky.
Gen. Fgt. & Pass. Agt. Bert Weedon.....Indianapolis
Pur. Agt. C. R. Bohannan..New Albany

M. M., H. H. Buckman.....New Albany
Engr. M. of W., R. J. Custer. "
Engr. Ovhd. Constr.
W. N. Jennings.....Greenwood
Energy purchased from United Gas & Elec. Co.; trans. volt. 13,200 v.
21.14 miles; 4-8½ g; 13 motor pass. and 22 other cars. (Company furnishes energy for lighting Charlestown.) ★50

286—Louisville & Southern Indiana Trac. Co.—Office, 138 East Spring Street, New Albany. (Owns and operates interurban lines between New Albany and Jeffersonville, Jeffersonville and Louisville, and Highland R. R. Co. Enters Louisville over the C. C. C. & St. L. bridge. Leases New Albany St. Ry. 10 miles.) (Subsidiary of Middle West Utilities Co.)
Pres. Harry Reid.....Louisville, Ky.
V. Pres. & Gen. Mgr.
L. D. Spragle.....New Albany
Sec. & Treas. Ira E. Guthrie, Indianapolis
Supt. L. M. Brown.....Columbus
Gen. Fgt. & Pass. Agt.
Bert Weedon.....Indianapolis
Pur. Agt. C. R. Bohannan...New Albany
Claim Agt. Jas. Harmon..... "
M. M., H. H. Buckman..... "
Engr. M. of W., R. J. Custer "
Engr. Ovhd. Constr., J. O Endris "
Energy purchased from United Gas & Elec. Co. of New Albany; trans. volt. 13,200 v.
Reaches Glenwood Park.
22.06 miles; 4-8½ g; 47 motor pass. and 10 other cars. ★50

NEW CASTLE. 13,241 (1916).

(See No. 249.)

PERU. 12,410 (1916).

287—Indiana Service Corp.—See Ft. Wayne.
2.5 miles; 4-8½ g; 2 motor cars. ★50

PORTLAND. 5,180.

289—The Muncie & Portland Trac. Co.—Office, Portland. (Connects Muncie, DeSoto, Albany, Dunkirk, Redkey, Como, Blaine, Detamore and Portland. Leased to the Union Trac. Co. of Indiana. See No. 249.
Pres. E. B. Ball.....Muncie
V. Pres. Wm. C. Ball..... "
Sec. G. A. Ball..... "
Treas. F. C. Ball..... "
Asst. Secy. & Asst. Treas.
W. H. Forse, Jr.....Anderson
Gen. Mgr. H. A. Nicholl..... "
Sub-sta. at Albany.
23 miles; 4-8½ g; 7 motor and 4 other cars. 50

PRINCETON. 6,448.

(See No. 265.)

RICHMOND. 24,597 (1916).

(See No. 276.)

RUSHVILLE. 4,925.

(See No. 271.)

SCOTTSBURG. 1,669.

290—Indianapolis & Louisville Trac. Ry. Co. — Office, 510 Board of Trade, Indianapolis. (Controlled by Middle West Utilities Co., Chicago, Ill.) (Connects with Interstate Public Service Co. at Seymour and Louisville & Northern Ry. & Ltg. Co. at Sellersburg; connects Seymour, Crothersville, Scottsburg and Sellersburg.)
Pres. Harry Reid.....Indianapolis
V. Pres. & Gen. Mgr.
E. Van Arsdel.....Indianapolis
Sec. & Treas. Ira E. Guthrie "
Audr. H. F. McColgin..... "
Supts. { Ry. L. M. Brown.....Columbus
Pwr. H. C. Bouslog...Scottsburg
Pur. Agt. C. H. Dallow.....Indianapolis
Claim Agt. Jas. Harmon.... "
Gen. Fgt. & Pass. Agt.
Bert Weedon..... "
Elec. Engr. C. C. Argabrite.. "
Ch. Engr. Wesley Hartley....Scottsburg
M. M. H. H. Buckman..... "
Roadmaster, Jas. E. Slatten... "
Power sta. equip. 2 d. c. G. E. tot. 1200 kw; 1500 hp. e. Allis-C; 1200 hp. b. Bab. & W; trans. & trolley volt. 1200 v. d. c.
Power sta. and repair shops at Scottsburg.
40.92 miles owned, 75 miles traffic rights; 4-8½ g; 8 motor pass., 2 other motor and 7 other cars. (Co. sells energy to Scottsburg Municipality for lighting Scottsburg.) 50

SHELBYVILLE. 10,995 (1916)

(See No. 271.)

SOUTH BEND. 68,946 (1916).

(See also No. 283.)

291—Chicago, South Bend & Northern Indiana Ry. Co.—Office, 102 N. Michigan St., South Bend. (Successor to the Northern Indiana Ry. Co., which includes the Indiana Ry. Co., South Bend, La Porte & Michigan City Ry. Co., Michigan City Trac. Co., and the railway of Mich. City Elec. Co.) (Connects South Bend with Goshen, Elkhart, La Porte and Michigan City.)
Pres. Chas. F. Dieterich
2 Rector St., New York, N. Y.
V. Pres. Chas. M. Murdock....La Fayette
Gen. Mgr. R. R. Smith.....South Bend
Sec. Sam'l T. Murdock.....Indianapolis
Treas. A. E. Dieterich
2 Rector Street, New York, N. Y.
Audr. O. A. Small.....South Bend
Supt. Transpt. W. W. Waterson "
Pur. Agt. R. E. Cornwell..... "
Claim Agt. F. H. Warren..... "
Gen. Fgt. & Pass. Agt.
John S. Moore..... "
Supt. of Sub-stas. B. C. Eager "
Supt. Equip. & M. M.
C. E. Atkinson..... "
Roadmaster S. E. Wolfe..... "
Supt. Ovhd Constr.
D. C. Southworth..... "
Div. Supt. (East) Wm. Hahn.....Elkhart
Div. Supt. (West)
W. B. Kambs.....Michigan City
Energy purchased; trans. volt. 25,000 v; trolley volt. 600 v; has sub-stas. at Michigan City, La Porte, Rolling Prairie, Lydick, South Bend, Twin Branch, Elkhart and Dunlap; repair shops at South Bend.
Reaches parks in Springbrook, (owned) South Bend, Pine Lake and La Porte, covering 80 acres.
123 miles; 4-8½ g; 116 motor and 25 other cars. ★50

292—Southern Michigan Ry. Co.—General office, 102 N. Michigan St., South Bend. (Consolidation of the South Bend & Southern Michigan Ry. and the Niles & Buchanan Ry. Co.) (Connects South Bend, Ind. and Niles, Berrien Springs, Scottdale and St. Joseph, Mich.)
Pres. Chas. F. Dieterich
2 Rector St., New York, N. Y.
V. Pres. Chas. M. Murdock,....La Fayette
Sec. S. T. Murdock.....Indianapolis
Treas. A. E. Dieterich
2 Rector St., New York, N. Y.
Audr. O. A. Small.....South Bend
Gen. Mgr. R. R. Smith..... "

Supt. Transpt.
W. W. Waterson.....South Bend
Pur. Agt. R. E. Cornwell..... "
Claim Agt. F. H. Warren... "
Gen. Fgt. & Pass. Agt.
John S. Moore..... "
Supt. Equip. C. E. Atkinson.. "
Supt. of Sub-stas. B. C. Eager "
Roadmaster S. E. Wolfe.....Elkhart
Supt. Ovhd. Constr.
D. C. Southworth..... "
Energy purchased from Indiana & Michigan Elec. Co; trans. volt. 25,000 v; trolley volt. 600 v.
Sub. stas. at Niles, South Bend, Berrien Springs and Scottdale; repair shops at South Bend.
35 miles; 4-8½ g; 16 motor, 1 trail pass. and 2 baggage cars; 1 other car; 1 snow sweeper. ★50

TERRE HAUTE. 66,085 (1916)

293—Terre Haute Traction & Light Co.—Office 663 Wabash Ave. (Owns Brazil Rapid Transit Co., Terre Haute Elec. Co. and Terre Haute Elec. Trac. Co.; also leases Terre Haute & Western Ry. Co., a line extending from Paris, Illinois, to Indiana State Line, 10.63 miles. Connects Terre Haute with Clinton, Sullivan, Paris, Illinois, and Brazil, at which point it joins with the Brazil Div. of the Terre Haute, Indianapolis & Eastern Trac. Co., making a through line from Terre Haute to Indianapolis.) (Leased to Terre Haute, Indianapolis & Eastern Traction Co., Indianapolis, which see for general officers.)
Gen. Mgr. E. M. Walker.....Terre Haute
Supt. Ry. & M. M.
Morris M. Nash..... "
Claim Agt., Jesse McComb... "
Pur. Agt. D. F. Roach..... "
Elec. Engr. J. A. Norman.... "
Ch. Engr. Pwr. Sta. F. D. Whip "
Engr. M. of W.
Wm. D. Wallace ..... "
Engr. Ovhd. Constr.
G. O. Nicolai..... "
Power sta. equip. 5 a. c. G. E. tot. 16,000 kva. 2300 v. 2 ph. 60 cys; 6420 hp. b. A. & T. Climax; 20,000 kw. turb. (stm.) G. E; trans. volt. 23,000 v; trolley volt. 600 v.
6 sub-stas.
Power sta. at Water and Mulberry Sts., Terre Haute; repair shops at Wabash Ave., Terre Haute.
Reaches Lake View Park, Chelsea Park and Terre Haute Trotting Park.
97.89 miles (including leased track of Terre Haute & Western Ry. Co.); 4-8½ g; 111 motor pass., 12 trail pass., 15 other motor and 11 other cars. (Furnishes energy for lighting and motor service in Terre Haute, Seeleyville, Staunton, Brazil, Knightsville, Vermillion and Harmony.) ★50

VAN BUREN. 1,189.
(See No. 253.)

VINCENNES. 17,645 (1916)

294—Vincennes Traction Co.—Office, 1027 Fairgrounds Ave.
Receiver, E. C. Cheobold.....Vincennes
Chmn. Bd.
S. A. Culbertson.....Louisville, Ky.
Pres. & Pur. Agt. M. L. Ross...Vincennes
V. Pres. John T. Boyd..... "
Sec., Treas. & Audr.
H. L. Bennett..... "
Energy purchased from The Indiana Power Co.
Repair shops at 1027 Fairgrounds Ave.
Reaches Lakewood Park (owned) and Harmonie, Harrison and Columbia Parks.
6.11 miles owned (4.45 mi. 1st m. t., 1.29 mi. 2nd m. t. and 0.37 mi. sid.) Total miles operated 3.15; 4-8½ g; 18 motor pass., 3 trail pass. and 1 trail service car. ★50

WABASH. 8,730.
(See Nos. 249 and 266.)

WARSAW. 4,430.

295—The Winona Interurban Ry. Co.—Office, Warsaw. (Leases Winona & Warsaw Ry. Connects Warsaw, Leesburg, Milford, Milford Junction, New Paris, Goshen, Mentone, Winona Lake, Gilead, Akron, Chili and Peru.)
Receiver C. J. Munton.....Kendallville
Gen. Mgr. & Pur. Agt.
J. C. Schade.....Warsaw
Audr. H. O. Weimer..... "
Gen. Fgt. & Pass. Agt.
John O. Motto..... "
Ch. Engr. Pwr. Sta. & M. M.
Chas. Sigler..... "
Roadmaster, Chas. Ruse..... "
Fmn. Overhead Constr.
O. R. Ferguson..... "
Power sta. equip. 2 a. c. Bull tot. 1200 kw. 3 ph. 25 cys; 1200 hp. e. Allis-C; 1200 hp. b. Bab. & W; trans. volt. 33,000 v; trolley volt. 650 v.
7 sub-stas. tot. cap. 2100 kw; 7 rot. conv.
Power sta. and repair shops at Winona Lake.
Reaches Winona Assembly.
70 miles; 10 inter. motor pass., 4 city motor pass., 3 fgt. motor, 2 other motor, 4 city trail pass. and 4 other cars; 1 snow plow. (Furnishes lighting for Leesburg, Chili, Mentone, Akron and Gilead.) 50

295a—Winona & Warsaw Ry. Co.—(Connects Warsaw and Winona Lake. Leased to The Winona Interurban Ry. Co. which see for officers.)
2.5 miles; 4-8½ g; 5 motor pass. and 1 trail cars. 50

WASHINGTON. 7,854.

296—Washington St. Ry. Co.—Office, 615 W. Main St.
Pres. Z. F. Graham.....Evansville
1st V. Pres. Jos. B. Graham.... "
2d V. Pres. Robert Graham..... "
Sec. Ray A. Graham..... "
Treas. & Supt., C. G. Colbert, Washington
Energy purchased from The Electric Works.
2.6 miles; 6 motor pass. and 2 trail pass. cars. 50

WATERLOO. 1,167.
(See No. 277.)

IOWA.

ALBIA. 5,138.
(See also No. 303.)

297—Albia Light & Ry. Co.—Office 10 N. Main St. (Successor to Southern Ia. Ry. & Lt. Co.) (Connects Albia with Hocking and Hiteman.)
Pres. Albert L. Fowle,
60 Broadway, New York, N. Y.
V. Pres. Merle R. Walker " "
Sec., Treas., Gen. Mgr. & Claim Agt.,
Ralph W. Boyer.....Albia
Audr. Bert Dunkin..... "
Roadmaster. Joseph Heinman..... "
Ch. Engr. D. D. Plumb..... "
Engr. Ovhd. Constr. P. E. Jeffers... "
Power sta. equip. 4 d. c. Westg. Ft. W. tot. 550 kw; 2 a. c. Allis-C tot. 800 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Allis-C; 750 hp. b. Mur; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Albia.
Reaches Urban Park (owned).
10 miles; 4-8½ g; 8 motor cars and 1 other car. (Co. does ltg.) ★60

AMES, 5,091.
(See No. 298.)

BOONE. 12,253 (1915)

298—Fort Dodge, Des Moines & Southern R. R. Co.—Office, Boone. (Operates street railways in Ft. Dodge and Ames, and connects Fort Dodge, Boone, Ames, Rockwell City, Webster City, Lehigh and Des Moines.)
Pres & Gen. Mgr. C. H. Crooks...Boone
Sec., Treas. & Audr. F. M. Johnston "
Supt. C. M. Kelley..... "
Pur. Agt. G. E. Motz..... "
Traffic Mgr. Chas. Shackell..... "
Gen. Fgt. & Pass. Agt. F. M. Steele "
Supt. M. of W., L. E. Gagnon... . "
Supt. Pwr. B. T. Mottinger..... "
Ch. Engr. R. L. Cooper..... "
Elec. Engr. D. K. Lewis..... "
Signal Engr. M. Funsdohl..... "
Engr. Pwr. Sta. B. H. Bryson.....Fraser
M. M., John Duncan.....Boone
Engr. Ovh'd. Constr. D. K. Lewie. "
Power sta. equipt: 2 a. c. turbo-gen. G. E. tot. 12,500 kva. 2300 v. 3 ph. 25 cys; 3600 hp. b. Edge, B. & W; trans. volt. 25,000 v; trolley volt. 1200 v.
7 sub. stas. tot. cap. 5200 kw; 14 rot. conv.
Pwr. sta. at Fraser; repair shops at Boone.
183.74 miles owned (149.81 mi. 1st m. t., 33.93 mi. sid.); also 4.54 miles leased. Total miles operated 152.02; 4-8½ g; 24 motor pass., 8 trail pass, 2405 trail freight, 1 motor service and 15 trail service cars; 11 elec. locos. (Company does general lighting business.) ★60

299—Iowa Ry. & Lt. Co.—Office, 917 Eighth St. See Cedar Rapids for general officers.
Local Mgr. F. W. Linebaugh.....Boone
Ch. Engr. Pwr. Sta.
William Rhienhart..... "
M. M., M. E. Kemmerer..... "
Power sta. equip. 1 d. c. Allis-C. 300 kw; 3 a. c. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1600 hp. b. Edge; 3000 kw. turb. Allis-C; trans. volt. 33,000-13,200 v; trolley volt. 600 v.
Power stas. and repair shops at E. 8th St.
7 miles; 4-8½ g; 6 motor and 6 other cars. Company does lighting. (Installing 1000 kw. G. E. turb.) ★50

BURLINGTON. 24,324.

300—Burlington Ry. & Lt. Co.—Office, 516 Jefferson St.
Pres. E. C. Walsh.....Clinton
V. Pres. M. A. Walsh.....Burlington
Sec. & Treas J. W. Walsh....Davenport
Gen. Mgr. & Pur. Agt.
C. H. Walsh..... "
Audr. A. J. Meyer..... "
Supt. D. D. Bentzinger..... "
Supt. Transpt. Frank H. Warren "
Ch. Engr. Pwr. Sta.
H. A. Bentzinger..... "
M. M., J. Holman..... "
Energy purchased from Mississippi River Pwr. Co.: 4 d. c. G. E., Westg. tot. 1150 kw; 3 a. c. G. E. tot. 1500 kw. 2200 v. 3ph. 60 cys; 2300 hp. e. Ham. Cor., St. L. Cor., Mur; 2400 hp. b. Heine, Bab. & W; 1400 kw. turb, (stm.) Westg; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. at 4th & Valley Sts.; repair shops at Locust & Main Sts.
Reaches Crapo and Madison Ave. Parks.
23.5 miles; 4-8½ g; 25 motor and 22 other cars. Furnishes energy for lighting. ★60

CEDAR RAPIDS. 45,556. (1920).
(See also No. 327.)

301—Cedar Rapids & Marion City Ry. Co.—Office, 426 N. Second St. (Connects Cedar Rapids, Kenwood Park and Marion.) (Controlled by the United Lt. & Rys. Co.)
Pres. Glenn M. Averill.....Cedar Rapids
1st V. Pres.
R. Schaddelee.....Grand Rapids, Mich.
2d V. Pres. B. J. Denman.....Davenport
Treas.
L. H. Heinke, Grand Rapids.....Mich.
Sec. & Gen. Mgr. E. C. Allen..Cedar Rapids
Audr. C. Fred Meyer..... "
Supt. Transp. Joe E. Kintz.... "
Claim Agts.
Barnes, Chamberlain & Hanzlik "
Ch. Engr. F. M. Ford..... "
Power sta. equip. 3 d.c. Allis-C. tot. 1550 kw; 2000 hp. e. Allis-C; 1200 hp. b. Erie City; trolley volt. 600 v.
Power sta. cor. E. Ave & 3d St.; repair shops at D Ave. & 2nd St.
30.07 miles; 4-8½ g; 40 motor pass., 6 trail pass., 1 fgt. motor and 5 other cars. ★50

302—Iowa Ry. & Lt. Co.—Gen. office, Cedar Rapids. (Consolidation of the Cedar Rapids & Iowa City Ry. & Lt. Co., Marion Lt., Ht. & Pwr. Co., Marshalltown Lt., Pwr. & Ry. Co., Tama & Toledo Elec. Ry. & Lt. Co., Chelsea Elec. Lt. Co., Boone Elec. Co. and Perry Elec. Lt., Pwr. & Htg. Co.) (Operates an interurban electric railway connecting Cedar Rapids, Swisher, North Liberty, Coralville and Iowa City; interurban line connecting Cedar Rapids Mt. Vernon and Lisbon; local street railways in Marshalltown and Boone.)
Pres. —— ——.....Cedar Rapids
V. Pres. John A. Reed..... "
V. Pres., Treas. & Traffic Mgr.
Isaac B. Smith..... "
Sec. & Audr.
Chas. S. Woodward..... "
Supt. E. F. Winslow..... "
Gen. Mgr. & Pur. Agt,
Southerland C. Dows..... "
Ch. Engr. J. D. Wardle..... "
Supt. Sales Dept., J. E. Blake "
Mech. & Elec. Engr.
John M. Drabelle..... "
Asst. Elec. Engr., J. W. Howe "
Travelling Eng.
John W. May.....Marshalltown
Ch. Elecn. E. F. Wressell..Cedar Rapids
Ch. Engr. Pwr. Stas.
Chas. Herbeck..... "
M. M., John Munson..... "
Power sta. equip. (Cedar Rapids) 1 d. c. West. 500 kw. 500 v; 5 a. c. Westg, Allis-C., G. E. tot. 29,500 kw. 2300 v. 2 ph. 60 cys; 6050 hp. b. Edge, Bab. & W; 19,000 kw. stm. turb. Allis-C, G. E; trans. volt. 33,000 v; trolley volt. 650 v.
Automatic hydro-elec. plant on Cedar River: equip. consists of 3-500 kw. Allis-C. 2300-v. 2-ph. 60-cycle vertical machines; ultimate cap. 2000 kw. (1 additional unit on order.)
5 sub-stas., (2 with auto control (2 additional G. E. units on order) tot. cap. 2550 kw; 5 rot. conv.; 1 mo. gen. set.
Power sta. at Cedar Rapids; repair shops at Cedar Rapids, Boone and Marshalltown.
44.65 miles; 4-8½ g; 7 motor pass., 3 trail pass., 1 fgt. motor, and 16 other cars; 3 elec. locos. Company furnishes light, power and steam heat and does general freight business, handling standard cars on its freight lines. ★50

CENTERVILLE. 7,803.

303—Iowa Southern Utilities Co.—Office, Centerville. Successor to Centerville Lt. & Trac. Co. and has acquired the Centerville, Albia & Southern Ry. Co. (Operates lines from Centerville to Mystic and from Centerville to Albia.)
Pres. David G. Fisher.....Davenport
V. Pres.
John C. Meiners.....Milwaukee, Wis.
Sec. Lyman C. Bernhard " "
Treas. E. F. Bulmahn.....Davenport
Audr., E. L. Shutts.....Centerville

Gen. Mgr. & Pur. Agt.
H. W. Deininger.....Centerville
Supt. J. H. Haim..... "
Ch. Engr. E. Jacobson..... "
Claim Agt. & Traffic Mgr.
J. P. Boyle..... "
Engr. Ovhd. Constr.
H. R. Longanecker..... "
Ch. Eng. Pwr. Sta.
G. W. McCarty..... "
Roadmaster E. C. Stites..... "

Power sta. equip. 4 a. c. G. E., West., Allis-C. tot. 3687 kva, 2300 v. 3 ph. 60 cys; 15 stm. e Allis-C., Mur.; 2400 hp. b. Bab. & W., Edge; 2625 kw. stm-turb. West; trans. volt. 33,000 & 13,200 v; trolley volt. 650 v.

3 sub-stas. total cap. 1000 kw; 4 rot. conv.

Power sta. and repair shops at Centerville; sub-stas. at Mt. Ayr and Leon.

Reaches Glen Hagan Park (owned).

38 miles (33 mi. 1st m. t., 5 mi. sid.); 4-8½ g; 8 motor pass. 1 trail pass., 6 motor freight and 2 trail service cars; 2 elec. locos. (Traffic agreements with Chgo. B. & Q. Chgo., M. & St. P., Chgo. R. I. & P., Wabash and Mpls. & St. L. Railroads.) (Does general lighting and power business in 30 towns in Iowa.)

★60

CHARLES CITY. 6,374.

305—Charles City Western Ry. Co.—Office, Charles City. (Connects Charles City, Colwell, Oakwood and Marble Rock.)
Pres. E. M. Sherman.....Charles City
1st V. Pres. & Gen. Mgr.
E. R. Ernsberger..... "
2nd V. Pres. F. E. Gates....Marble Rock
Sec. C. H. Parr.....Charles City
Treas. M. W. Ellis..... "
Audr. J. F. Christiansen.... "
Supt. L. J. Smith..... "
M. M. & Engr. M. of W.,
Fred. Frost..... "

Energy purchased from Cedar Valley Elec. Co. 1200 v. d. c.

Repair shops at Charles City.

26 miles; 4-8½ g; 5 motor pass., 28 trail freight and 1 motor service car; 3 elec. locos. (Company handles freight.)

★50

CLINTON. 26,091 (1915).

(See also No. 309)

306—Clinton St. Ry. Co.—Office, Clinton. (Controls Sixth Avenue and Eagle Point Lines. Connects Clinton and Lyons.)
Pres. C. H. Young.....Clinton
V. Pres. R. C. Langan..... "
Sec. A. L. Schuyler..... "
Treas. C. C. Coan..... "
Supt. & Pur. Agt. B. Bohnson.... "

Energy purchased from Clinton Gas & Elec. Co.

Repair shops at Randolph & 6th Sts.

Reaches Eagle Point Park (owned).

18 miles; 4-8½ g; 32 cars. (Company furnishes energy for stationary motors.) 119

COLFAX. 2,607.

(See also No. 313.)

307—Colfax Springs Ry.—Office, Colfax. (Extends from Depot in Colfax to Hotel Colfax.)
Pres. & Treas. Jas. P. Donahue....Colfax
V. Pres. & Sec. E. S. H. Donahue.. "

Power sta. and repair shops at Hotel Colfax; trolley volt. 500 v.

1 mile; 4-8½ g; 3 cars. 70

COUNCIL BLUFFS. 31,354 (1915)

(See also No. 564.)

308—Omaha & Council Bluffs Ry. & Bridge Co.—(Leased to the Omaha & Council Bluffs St. Ry. Co., Omaha, Neb.)
Pres. Geo. S. Wright.....Council Bluffs
V. Pres. G. W. Wattles....Omaha, Neb.
Sec. Chas. T. Stewart.....Council Bluffs
Treas. J. P. Greenshields... "

Power supplied from Omaha by lessee.

Reaches Lake Manawa Park.

34 miles; 4-8½ g; 38 motor and 15 other cars. 60

DAVENPORT. 48,483 (1915).

(See also Nos. 242 and 487.)

309—Clinton, Davenport & Muscatine Ry. Co.—Office, 125-7 W. 3d St. (Connects Clinton, Shaffton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Centre and Muscatine and owns the local lines in Muscatine.) (Controlled by the Tri-City Ry. & Lt. Co.)
Pres. B. J. Denman.....Davenport
V. Pres. & Gen. Mgr.
J. G. Huntoon..... "
Treas. H. E. Weeks..... "
Sec. H. E. Littig..... "
Asst. Gen. Mgr. & Traffic Mgr.
Clark G. Anderson..... "
Gen. Supt. C. F. Dege..... "
Claim Agt. Martin Marcussen. "
Pur. Agt. Geo. G. Kuhn..... "
Supt. (Muscatine Local Lines)
W. D. Schuyler.....Muscatine
M. M. Jno. Sutherland.....Davenport
Roadmaster, W. W. Prater.... "

Energy purchased from power dept. of the Tri-City Ry. & Lt. Co.

Repair shops at Clinton.

CLINTON DIV.

Trans. volt. 13,000 v; trolley volt. 600 v.

Sub-stas. at Bettendorf, Pleasant Valley, Princeton and Clinton.

36 miles (interurban); 4-8½ g; 4 motor pass., 2 fgt. motor and 11 fgt. trail cars.

MUSCATINE DIV.

Trans. volt. 33,000 v; trolley volt. 600-1200 v.

Sub-stas. Front and Oak Sts., Muscatine, with steam reserve, and Carrollton St., Davenport.

40 miles (city lines 10, interurban 30); 4-8½ g; 6 motor pass., 1 fgt. motor, 1 fgt. trail and 1 other car.

(On division from Clinton to Davenport company does a transmission line business, selling energy for light and power.) 60

310—Tri-City Ry. Co. of Iowa.—Office, 125-127 West 3rd St., Davenport. (Connects Davenport, Rockingham and Bettendorf.) (Controlled by the Tri-City Ry. & Lt. Co.)
Pres. B. J. Denman.....Davenport
V. Pres. & Gen. Mgr.
J. G. Huntoon..... "
Treas. H. E. Weeks..... "
Sec. H. E. Littig..... "
Asst. Gen. Mgr. T. C. Roderick "
Claim Agt. Martin Marcussen. "
Pur. Agt. Geo. G. Kuhn..... "
M. M. John Sutherland..... "

Energy purchased from Tri-City Ry. & Lt. Co. (Pwr. Dept.); trans. volt. 4400 v; trolley volt. 550 v.

Repair shops at Davenport.

49.08 miles; 4-8½ g; 85 motor pass., 3 trail pass. and 4 other cars 50

311—Tri-City Ry. & Lt. Co.—Offices, Hartford, Conn., and Davenport. (98⅓% of common stock is owned by United Lt. & Rys. Co., Grand Rapids, Mich.) (Owns stocks and bonds of Tri-City Ry. Co. of Iowa, Tri-City Ry. Co. of Illinois, Moline, Rock Island & Eastern Trac. Co., People's Pwr. Co. (Moline and Rock Island), Moline-Rock Island Mfg. Co., People's Lt. Co. (Davenport), Clinton, Davenport & Muscatine Ry. Co., Muscatine Ltg. Co. (Muscatine and contiguous territory), and Iowa City Lt. & Pwr. Co. Railway lines connect Davenport, Rockingham, Bet-

tendorf, Clinton, Shafton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Center and Muscatine, Iowa; owns city lines in Muscatine; Rock Island, Moline, Sears, Milan, Watertown, E. Moline, Silvis, Campbell's Island and Moline, Illinois; electricity is served in addition to the above towns, to Walcott, Stockton, Durant, Blue Grass, Iowa City and Coralville, Ia.; Carbon Cliff, Hampton, Rapids City and Port Byron, Ill.)

Pres. B. J. Denman.....Davenport
V. Prests. R. Schaddelee, Grand Rapids, Mich.
H. R. Tobey, 49 Wall St., New York, N.Y.
Treas. Frank T. Hulswit, Grand Rapids, Mich.
Asst. Treas. H. E. Weeks....Davenport
Sec. H. E. Littig..... "
Asst. Secs. B. L. Stowell 24 Broad St., New York, N. Y.
L.H.Heinke, Grand Rapids, Mich. ★50

DES MOINES. 105,652 (191

312—Des Moines City Ry. Co.—Office, Flynn Bldg.

Pres. S. G. Harris, Harris Trust & Svgs. Bank, Chicago, Ill.
1st V. Pres. & Gen. Mgr. F. C. Chambers.....Des Moines
2nd V. Pres., W. H. McHenry "
Sec. & Audr. O. H. Bernd ..... "
Treas. & Pur. Agt. F.M.Harris "
Supt. E. W. Miller..... "
Claim Agt. D. M. Finch..... "
Elec. Engr. D. S. Fisher..... "
M. M., C. R. McMahon..... "
Engr. M. of W., W. L. Wilson..... "
Engr. Ovhd. Constr. K. J. Keith..... "

Power sta. equip. 1 d. c. G. E. 1000 kw; 4 a. c. turbo-gen. G. E. tot. 16,250 kva. 4400 v. 3 ph. 25 cys; 1500 hp. e. Fulton; 4000 hp. b. B, & W; 16,250 kw. stm. turb. G. E; trans. volt. 4400 v; trolley volt. 600.

9 sub-stas., (8 with auto. control.) tot. cap. 4750 kw; 9 rot. conv.

Power sta. and repair shops at East 4th & Maple Sts.

Reaches Riverview Park.

35 miles; 4-8½ g; 157 motor pass. and 17 other motor cars. ★50

313 — Inter-Urban Ry. (Formerly Inter-Urban Ry. Co.) Office, Flynn Bldg. Des Moines. (Connects Des Moines, Colfax, Altoona, Mitchellville, Woodward, Perry, Gardiner, Herrold, Moran, Granger, Ft. Des Moines and Camp Dodge.)

Pres. S. G. Harris, Harris Trust & Svgs. Bank, Chicago, Ill.
1st V. Pres. & Gen. Mgr. W. Clapper.....Des Moines
2nd V. Pres. & Gen. Counsel W. H. McHenry..... "
Sec. & Audr. O. H. Bernd..... "
Treas. & Pur Agt. F.M.Harris "
Gen. Supt. C. T. Baker W. 2d & Grand Aves..... "
Claim Agt. D. M. Finch..... "
Gen. Fgt. & Pass. Agt. H. E. Bates..... "
Ch. Engr. & Engr. M. of W. W. L. Wilson..... "
Elec. Engr. & Engr. Pwr. Sta. F. C. Chambers..... "
Signal Engr. & Engr. Ovhd. Constr. K. J. Keith..... "
M. M. C. R. McMahon..... "

Energy purchased from Des Moines City Ry. Co.; trans. volt. 23,000 v; trolley volt. 650 v.

12 sub-stas. (6 with auto. control) tot. cap. 4650 kw; 12 rot. conv.

Repair shops at E. 4th & Maple Sts., Des Moines.

Reaches one park.

88.94 miles (59.74 mi. 1st m. t., 8.02 mi. 2nd m. t., 21.18 mi. sid.): 4-8½ g; 12 motor pass., 4 trail pass., 4 fgt. motor, 185 trail freight, 18 box, 159 coal and 8 flats, 6 motor service and 17 trail service cars; 8 elec. locos. Company does general lighting and power business. ★60

DUBUQUE. 41,795 (1915).

314—Dubuque Elec. Co.—Gen. office, Fifth and Iowa Sts. (Successor to Union Elec. Co.) (Owned and operated by Union Utilities Co., which is owned by Elston & Co., Chicago, Ill.)

Pres. I. C. Elston, Jr..... Chicago, Ill.
V. Prests. C. L. Ayling... Boston, Mass.
H. B. Maynard.....Waterloo
Sec. H. B. Hurd..... Chicago, Ill.
Treas. A. C. Allyn ..... "
Audr. Miss M. E. Crabtree .....Dubuque
Gen. Mgr. & Pur. Agt. O. H. Simonds..... "
Supt. Ry. & Claim Agt. A. H. Smith..... "
Elec. Engr. & Engr. Ovhd. Constr. H. G. Gorr..... "
Ch. Engr. Pwr. Sta., C.L. Sheffield "
M. M., G. Thill..... "
Roadmaster, Geo. Yerger..... "

Power sta. equip. 3 a. c. turbo-gen. G. E. tot. 9600 kw. 2300 v. 3 ph. 60 cys; 2400 hp. b. Bab. & W; trans. volt. 2300-4000-6600-33,000 v; trolley volt. 600 v.

Power station at 8th St.; repair shops at Couler Ave.

Reaches Union Park, 83 acres, and Nutwood Park, 73 acres (owned).

20.7 miles; 4-8½ g; 50 motor and 46 other cars. (Company furnishes energy for lighting and power.) 50

FORT DODGE. 19,372 (1915).

(See No. 298.)

FORT MADISON. 9,507.

315—Fort Madison St. Ry. Co.—Office, Santa Fe Ave. (Owned and operated by Mississippi Valley Elec. Co.)

Pres. & Gen. Mgr., J. O. Schulze, Iowa City
V. Pres. & Treas., J. H. Rohret "
Sec. F. N. Sueppel..... "
Supt. Joseph Negus.....Ft. Madison
M. M. Harold D. Emdia..... "

Power rented from Ft. Madison Elec Lt. Co.; trolley volt. 550 v.

4 miles; 4-8½ g; 10 cars. 70

HAMILTON. 891.

(See No. 318.)

HITEMAN. 1,200.

(See No. 297.)

IOWA CITY. 12,033.

(See No. 302.)

316 — Mississippi Valley Electric Co.—Office, Commercial Savings Bank Bldg., Iowa City. (Operates in Iowa City; also owns and operates Mankato (Minn.) Elec. Trac. Co. (5.3 miles) and Ft. Madison (Iowa) St. Ry. Co. (4 miles).

Pres., Gen. Mgr. & Pur. Agt. J. O. Schulze.....Iowa City
V. Pres. & Treas. J. H. Rohret. "
Sec. F. N. Sueppel..... "
M. M., P. E. Potter..... "

Energy purchased from Iowa Ry. & Lt. Co.; trolley volt. 550 v.

16 miles; 4 8½ g; 22 motor pass. and 4 motor service cars. ★70

KEOKUK. 15,229.

317 — Central Mississippi Valley Elec. Properties.—(Formed in Ill. by a Trust Agreement, under which

there is deposited the entire capital stock of Ft. Madison Elec. Co. and Dallas City Lt. Co. and all the capital stock of Keokuk Elec. Co., except $250,000 preferred stock. These companies do the entire gas, elec. ry., ltg. & pwr. business in Keokuk, Ia., the entire elec. ltg. & pwr. business in Ft. Madison and Montrose, Ia., and Dallas City, Ill., and the entire elec. ry. and elec. ltg. business in Hamilton and Warsaw, Ill.; also operate an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)

Pres. Geo. Higginson, Jr....Chicago, Ill.
V.Pres. Harry T. Edgar ..Boston, Mass.
Sec. Jos. L. Valentine.....Chicago, Ill.
Asst.Sec. Victor D. Vickery.Boston, Mass.
Treas. Henry B. Sawyer.... " "
★50

318—Keokuk Elec. Co.—Office, 800 Main St. (Consolidation of Keokuk Elec. Ry. & Pwr. Co., Keokuk & Western Ill. Elec. Co. and Keokuk Gas & Elec. Co.) (This company does the entire elec. ltg., pwr. and gas business of Koekuk; the entire elec. ltg. business in Hamilton and Warsaw, Ill., and elec. ltg. and pwr. business in Montrose, Ia. Also operates an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)

Pres. Harry T. Edgar,
147 Milk St., Boston, Mass.
V. Pres. Geo. Higginson, Jr.
604 First Nat'l Bk. Bldg., Chicago, Ill.
Sec. Victor D. Vickery.....Boston, Mass.
Treas.. Henry B. Sawyer.... " "
Asst. Treas. A. L. Berryman.....Keokuk
Gen. Mgrs.
Stone & Webster, Inc.....Boston, Mass.
Mgr. John P. Ingle.....Keokuk
Energy purchased from Mississippi River Power Co.; 10 a. c. transformers G. E. Westg. tot. 2116 kw. 11000 v. 3 ph. 25 cys; 2 d. c. rotary conv. Westg. tot. 600 kw; trans. volt. 11000 v; trolley volt. 500 v. 8 sub-stas. tot. cap. 3044 kw.
Repair shops at 19th & Bank Sts.
14.13 miles; 4-8½ g; 17 motor pass. and 3 trail pass. cars; 1 other car. ★30†

MARBLE ROCK. 480.

(See No. 305.)

MARION. 4,400.

(See No. 301.)

MARSHALLTOWN. 16,065 (1915)

319—Iowa Ry. & Lt. Co.—Office, 119 East Main St. See Cedar Rapids for general officers.

Local Mgr.
Charles Munson.....Marshalltown
Supt. Transp. Roy Cummings "
Ch.Engr.Pwr.Sta., W.A.Pilne "
Energy from Cedar Rapids.
Repair shops at 326 S. 3d Ave.
Reaches City Park.
6.4 miles; 4-8½ g; 8 mo. pass. and 5 trail pass. cars. (Company furnishes ltg.) ★50

MASON CITY. 17,152 (1915).

320—Mason City & Clear Lake R.R. Co.—Office, 14 First St., N. W. (Controlled by the United Lt. & Rys. Co., Grand Rapids, Mich.) (Connects Mason City, Clear Lake Jct., Emery, and Clear Lake.)

Pres.
R. Schaddelee....Grand Rapids, Mich.
1st V. Pres. W. E. Brice.....Mason City
2d V. Pres. C. H. McNider... "
3d V. Pres. & Asst. Treas.
C. M. Hurd.....Grand Rapids, Mich.
Sec. & Gen. Mgr. F. J. Hanlon, Mason City
Treas. & Asst. Sec.
L. H. Heinke.....Grand Rapids, Mich.
Audr. F. E. Wells.....Mason City
Supt. J. H. Siesager..... " "
M. M., F. M. Graham..... " "
Roadmaster, Frank Johnson. " "
Energy purchased from People's Gas & Elec. Co.; 1 a. c. G. E. 1000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; trolley volt. 600 v.
2 sub-stas. tot. cap. 1000 kw; 2 rot. conv.
Repair shops at Emery.
Reaches Clear Lake Park.
21.5 miles; 4-8½ g; 28 mo. pass., 14 trail pass., 4 fgt. mo., 1 fgt. and 1 other car. 70

MUSCATINE. 16,178.

(See No. 309.)

OSKALOOSA. 10,485 (1915).

321—Oskaloosa & Buxton Elec' Ry. Co.—Office, 121-123 First Ave. West., Oskaloosa. (Owned and operated by Oskaloosa Trac. & Lt. Co which see for officers.) (Connects Oskaloosa and Buxton.) (Part of the Illinois Trac. System.)
Energy from Oskaloosa Trac. & Lt. Co.; trolley volt. 550 v.
3.5 miles; 4-8½ g; 2 cars. 50

322—Oskaloosa Trac. & Lt. Co.—Office, 121-123 First Ave., West, Oskaloosa. (Owns and operates Oskaloosa & Buxton Elec. Ry. Co.) (Connects Oskaloosa and Beacon.) (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley..Champaign, Ill.
V. Pres. Exec., H. E. Chubbuck, Peoria, Ill.
V. Pres. & Treas.
Geo. M. Mattis .....Champaign, Ill.
Audr. B. E. Bramble..... "
Gen. Supt. J. H. Porter... "
Mgr., Claim, Gen. Fgt., Pass. & Pur. Agt. J. H. Porter.....Oskaloosa
Ch. Engr. Pwr. Sta. A. W. Spence "
M. M., C. L. Stoler..... "
Power sta. equip. 3 d. c. G. E. tot. 450 kw; 3 a. c. G. E. West. tot. 810 kw. 2300 v. 3 ph. 60 cys; 1950 hp. e. Bckye, Allis-C. Mur; 1600 hp. b. Bab. & W., Stirling; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shops at 6th & A Sts., Oskaloosa.
9 miles; 4-8½ g; 9 motor pass. 2 trail pass. and 3 other motor cars; 1 other car. (Company furnishes energy for lighting and power in Oskaloosa, Town of Beacon, New Sharon and Montezuma.) ★50

OTTUMWA. 25,000 (1917).

323—Ottumwa Ry. & Light Co.—Office, 205 E. Second St. (Controlled through stock ownership by Standard Gas & Elec. Co.. and operated by H. M. Byllesby & Co., Chicago, Ill.)

Pres. A. S. Huey.....Chicago, Ill.
1st V. Pres. H. M. Byllesby... "
2d V. Pres. F. C. Gordon..... "
Sec. R. J. Graf..... "
Treas. J. J. O'Brien..... "
Audr. J. F. Winn.....Ottumwa
Gen. Mgr. Chas. E. Fahrney... . "
Supt. Ry. O. E. Sterner..... "
Elec. Engr. W. D. Farrell..... "
Ch. Engr. Pwr. Sta., H. T. Yust "
M. M., F. Weirsmith..... "
Roadmaster, H. H. Ramsey..... "
Power sta. equip. 2 d. c. W. E. tot. 700 kw; 5 a. c. W. E. tot. 2350 kw. 3 ph. 60 cys; 2500 hp. e. Fulton, G. E. Skinner, Allis-C, Ham, Ball; 1880 hp. b. Stir; trans. volt. 33,000 v; trolley volt. 550 v.
Power sta. and repair shops at Ottumwa.
13 miles; 4-8½ g; 27 motor pass., 11 trail pass. and 3 work cars; 1 sweeper. (Company does lighting, power and steam heating business). ★50

PERRY. 5,455.

(See No. 313.)

SIOUX CITY. 61,774 (1915).

325—Sioux City Service Co.—Office, 414-416 Fifth St. and 3rd & Water Sts.
Pres. R. J. Dunham, 208 S. La Salle St., Chicago, Ill.
V. Pres. H. A. Chetham, Union Stock Yards, " "
Sec. & Treas. J. Henry Ricker..Sioux City
Audr. E. V. Groff..... "
Gen. & Park Mgr. E. L. Kirk... "
Supt. H. M. Benson..... "
Supt. Ht., Lt. & Pwr. C. E. Murphy..... "
Pur. Agt. H. B. Gregory..... "
Ch. Engr. Pwr. Sta. M. W. Lake "
M. M., C. M. Feist..... "
Roadmaster, Jno. Ward..... "

Power sta. equip. 3 d. c. Westg. G. E. tot. 2800 kw; 2 a. c. Allis-C tot. 8000 kva. 2300 v. 3 ph. 60 cys; 4200 hp. e. Allis-C. Fulton; 6400 kw. stm. turb. Allis-C.; trolley volt. 550 v.

Power sta. and repair shops at Water St. between 2d & 3d Sts.

Controls Riverside Park.

53 miles; 4-8½ g; 73 motor and 35 other cars. (Co. does lighting and power business.) 119

TOLEDO. 1,721.

326—Iowa Ry. & Lt. Co.—Office, Toledo. See Cedar Rapids.
Local Mgr. J. P. Walters.....Toledo

Power sta. equip. 1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; 325 hp. e. Ideal, Ball; 400 hp. b. Frost & Hillman; 1 mo. gen. set G. E. 125 kw; trolley volt. 600 v.

Owns Base Ball Park and reaches Chautauqua Park.

3 miles; 4-8½ g; 4 mo. pass., 1 fgt. mo. and 11 other cars. 50

WATERLOO. 33,097 (1915).

327—Waterloo, Cedar Falls & Northern Ry. Co.—Office, Waterloo. (Connects Waterloo, Cedar Rapids, Cedar Falls, Waverly, Center Point, La Porte City, Denver, Gilbertville, Brandon, Urbana, Farmer, La Fayette, and Robins.)
Pres. L. S. Cass.....Waterloo
V. Pres. J. F. Cass..... "
Sec. F. E. Farwell..... "
Treas. & Audr. W. H. Burk.... "
Gen. Mgr. C. D. Cass..... "
Supt. M. A. Welsh..... "
Gen. Fgt. & Pass. Agt. C. M. Cheney..... "
Pur. Agt. F. McDonald..... "
Ch. Engr. T. E. Rust..... "
M. M., W. G. Lamb..... "
Supt. Ovhd. Lines A. T. Woodring "

Power sta. equip. 3 a. c. turbo. gen. Allis-C. tot. 45000 kva. 2300 v. 3 ph. 25 cys; 3000 hp. b. Bab. & W; 4500 kw. stm. turb. Allis-C; trans. volt. 44,000 v; trolley volt. 650-1300 v.

9 sub-stas. tot cap. 7250 kw; 12 rot. conv.

Power sta. and repair shops at Waterloo

Reaches Electric Park.

135 miles; 4-8½ g; 235 cars; 9 elec. locos. (Furnishes energy for lighting and power.) 70

KANSAS.

ATCHISON. 16,429.

328—Atchison Ry., Lt. & Pwr. Co.—Office, 427 Commercial St. (Part of Illinois Traction System.)
Pres. Wm. B. McKinley...Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck. Peoria, Ill.
V. Pres. Geo. M. Mattis. Champaign, Ill.
Sec. T. B. Macaulay .....Montreal, Can.
Treas. Geo R. McComb...Champaign, Ill.
Audr. W. A. Cole.....Topeka
Asst. Gen. Mgr. A. M. Patten.... "
Gen. Supt. J. W. Waggener.....Atchison
Pur. Agt. H. J. Vance.....Peoria, Ill.
Ch. Engr. Pwr. Sta. H. F. Bryant.....Atchison

Power sta. equip. 4 d. c. G. E., West. tot. 800 kw; 4 a. c. G. E., West. tot. 1100 kw. 3 ph. 60 cys; 1800 hp. e. Wms., S. C., Ham; 1600 hp. b. Frmn., Spgf., Heine; 500 kw. stm. turb. G. E; trolley volt. 575 v.

Power sta. and repair shops at Atchison.

Reaches Jackson Park and Reisner Park and controls Forest Park, 55 acres.

9.84 miles; 4-8½ g; 15 mo. pass. and 1 other car; 1 snow sweeper. (Company does general lighting & power business. ★50

AUGUSTA. 1277.

(See No. 345.)

BONNER SPRINGS. 1,541.

329—Kansas City, Kaw Valley & Western Ry. Co.—Office, Bonner Springs. (Connects Kansas City, Edwardsville, Bonner Springs, Linwood and Lawrence; will extend to Topeka.)
Pres. K. D. Klemm 1012 Commerce Bldg., Kansas City, Mo.
V. Pres., Gen. Mgr. & Pur. Agt. W. R. Taylor, 919 Baltimore Ave., Kansas City, Mo.
Sec. & Treas. E. S. Bigelow 919 Baltimore Ave., " "
Supt. O. S. Lamb.....Bonner Springs
Traffic Mgr. W. T. Hickerson, 919 Baltimore Av., Kansas City, Mo.
Ch. Engr. J. L. Moss.....Bonner Springs

Energy purchased from Munic. Plant in Kansas City, Kans.

Repair shops at Bonner Springs.

70 miles projected; 40 miles in operation; 4-8½ g; 9 motor pass., 5 other motor and 10 other cars; 2 elec. locos. ★50

COFFEYVILLE. 15,228 (1915).

330—The Union Traction Co.—Office, Coffeyville. (Operates in Coffeyville and Independence, and interurban lines between Coffeyville, Independence, Cherryvale and Parsons, and Coffeyville and Nowata, Okla.)
Pres. & Gen. Mgr. D. H. Siggins.....Coffeyville
V. Pres. Willis B. Priestley...Bartlesville, Okla.
Sec. H. A. Siggins.....Warren, Pa.
Treas. S. Q. Smith..... " "
Supt. Transp. J. W. Anderson..Coffeyville
Elec. Engr. L. L. Francis..Independence
Engr. Pwr. Sta., A. G. Tucker "
M. M., O. L. Siggins.....Coffeyville

Power sta. equip. 4 a. c. West. tot. 1700 kw. 380 v. 5 ph. 25 cys; 2600 hp. e. (gas), Westg; trans. volt. 22,000 v; trolley volt. 650 v. Will purchase energy from Kansas Gas & Elec. Co. for operation of system from Parsons, Kans., to Nowata, Okla.

Power sta. at Independence; repair shops at Coffeyville.

Reaches Silurian Springs and Forest Park.

86.50 miles; 4-8½ g; 27 motor and 12 other cars. (Co. does some ltg. in Delaware and Lenapah, Okla.) 10

EMPORIA. 10,664 (1915).

331—The Kansas Electric Utilities Co. (Emporia Div.)—For executive officers see Lawrence.
Local Mgr. T. T. Parker.....Emporia
Ch. Engr. Pwr. Sta. Fred. Brown "
Shop Foreman W. Hensley..... "

Pwr. sta. equip. 3 a. c. G. E, Allis-C. tot. 1010 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Erie City, Allis-C, Bckye; 1200 hp. b. Bab & W, R. & F; 500 hp. stm. turb. Allis-C; trolley volt. 600 v.

Power sta. and repair shops at Emporia.

Reaches amusement park.

5 miles; 4-8½ g; 5 motor and 4 trail cars. ★60

FORT RILEY. 2300.

(See Nos. 335 and 339.)

HUTCHINSON. 23,000 (1918).

(See also No. 345.)

333—The Hutchinson Inter-urban Ry. Co.—Office, 308 N. Main St., Hutchinson.
Pres. Emerson Carey.....Hutchinson
V. Pres. L. A. Bunker..... "
Sec. J. Lee Dick..... "
Treas. Howard J. Carey..... "
Gen. Mgr. & Pur. Agt.
James E. Humbert..... "
Supt. & M. M.,
James J. Murray..... "
Engr. Ovhd. Constr.
D. T. Taylor..... "
Energy purchased from Carey Salt Co; trolley volt. 575 v.
Repair shops Fourth Ave. & Washington Sts.
Reaches Riverside Park, Carey Lake, State Fair Grounds and Stevens Ponds.
13.38 miles (10.38 mi. 1st. m. t., 3 mi. 2nd m. t.); 4-8½ g; 21 motor pass., 6 trail pass., 1 motor service and 2 trail service cars. ★50

INDEPENDENCE. 12,144.

(See No. 330.)

JUNCTION CITY. 5,798.

335—Union Light & Power Co.—Office, Junction City. (Connects Junction City and Ft. Riley.)
Pres. F. E. Tyler
Mutual Bldg., Kansas City, Mo.
V. Pres. & Sec.
R. O. Thoman .....Junction City
Treas. & Gen. Supt.
W. A. Scothorn..... " "
Engr. Pwr. Sta.
C. W. Eyster..... " "
Power sta. equip. 1 d. c. West. 200 kw; 3 a. c. Westg. Allis-C. tot. 2450 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Strait; 1280 hp. b. Kew Spgf. Bonus-Kenn; 750 kw. turb. (stm.) Allis-C; trans. volt. 33,000 v; trolley volt. 600 v.
1 sub-sta. cap. 300 kw.
Power sta. and repair shops at Junction City.
5.5 miles; 4-8½ g; 11 motor cars and 1 other car. (Company does general lighting business.) ★50

KANSAS CITY. 99,437.

(See also No. 329.)

337—The Kansas City-Western Ry. Co.—Office, 402 Minneapolis Ave., Kansas City, Mo. (Operates suburban and Leavenworth city lines. (Connects Kansas City, Kan., Kansas City, Mo., Walcott, Lansing and Leavenworth.)
Pres. & Gen. Mgr.
C. F. Holmes.....Kansas City, Mo.
1st V. Pres. W. H. Holmes " " "
2nd V. Pres.
H. Langworthy..... " " "
Sec. & Audr.
E. V. Henderson....Kansas City, Kans.
Treas. McCabe Moore...Kansas City, Mo.
Asst. Gen. Mgr.
Chas. D. Bell.....Kansas City, Kans.
Supt. Jno. Martin..... "
Claim Agt., & Pur. Agt.
J. M. Sheahan..... "
Elec. Engr. John Hull..... "
Engr. M. of W.
A. C. Curteman..... "
Energy purchased from The Kansas City Rys. Co., Kansas City, Mo.; trans. volt. 33,000 v; trolley volt. 600 v.
3 sub-stas. tot. cap. 1500 kw; 6 rot. conv. Sub-stas. at Chelsea, Wolcott and Leavenworth; repair shops at Wolcott.
45 miles; 4-8½ g; 42 mo. pass, 2 fgt. mo., 10 fgt., without mo. and 5 service cars. ★50

LAWRENCE. 12,884.

(See also No. 329.)

338—The Kansas Electric Utilities Co.—(Lawrence Div.) Home office, 61 Broadway, New York, N. Y. (Successor to Parsons Ry. & Lt. Co., Emporia Ry. & Lt. Co. and Lawrence Ry. & Lt. Co.) (Owns all capital stock of Miami Valley Elec. Co. (Sidney, Ohio), Union City (Ind.) Elec. Co. and United Ltg. Co. of Albion, Pa. Operated by the Albert Emanuel Co., New York, N. Y.)
Pres. & Gen. Mgr.
Albert Emanuel.....New York, N. Y.
V. Pres. Irving Hill.....Lawrence
Sec. R. F. Rice..... "
Treas. & Pur. Agt.
C. B. Zeigler.....New York, N. Y.
Mgrs. { J. T. Skinner..... Lawrence
T. T. Parker..... Emporia
Energy purchased from Bowersock Mills & Pwr. Co.; trolley volt. 600 v.
Reaches and controls Woodland Park.
10 miles; 4-8½ g; 14 motor, 3 trail. and 1 work car. (Company does general lighting and power business.) ★60

LEAVENWORTH. 22,090.

(See No. 337.)

MANHATTAN. 7,800 (1919).

339—Manhattan City & Interurban Ry. Co.—Office, 216 Yuma St. (Connects Manhattan and Fort Riley.)
Pres. & Gen. Mgr.
Joseph T. West.....Manhattan
V. Pres. I. H. Hershey.....Olathe
Sec. & Treas.
Chas. R. West.....Manhattan
Ch. Engr. & Engr. Pwr. Sta.
T. S. Waller..... "
M. M., J. J. Lamont..... "
Power sta. equip. 1 d. c. Elec. Mchy. 200 kw; 3 rot. conv. West. tot. 600 kw; 250 hp. e. Minpl; 250 hp. b. Bros; trolley volt. 600 v.
Power sta. and repair shops at Manhattan.
Reaches Eureka Electric Park.
20 miles; 4-8½ g; 8 interurban motor pass., 4 city motor pass. and 2 other cars. ★50

OAKLAND. 1,651.

(See No. 344.)

PITTSBURG. 17,685. (1915).

341—Joplin & Pittsburg Ry. Co.—Office, First Nat. Bank Bldg., Kansas City, Mo. and Pittsburg, Kan. (Acquired and consolidated the Pittsburg & Kansas City Ry., the Girard Coal Belt Elec. Ry. Co. and the Pittsburg Ry. & Lt. Co.) (Connects Frontenac, Pittsburg, Chicopee, Fleming, Weir City, Scammon, Columbus, W. Mineral, Knivetown, Radley, Dunkirk, Franklin, Girard, Croweburg, Arma, Mulberry and Cherokee in Kansas, and Joplin, Chitwood, Carl Jct., Waco and Asbury in Missouri.)
Pres. J. J. Heim.....Kansas City, Mo.
V. Prests. { J. W. Ground " "
O. C. Snider " "
Sec. & Treas.
Jno. A. Prescott... ... " "
Audr. E. S. Bigelow.... " "
Traffic Mgr. J. D. Cornell " "
Gen. Mgr. & Pur. Agt.
Wm. A. Satterlee.....Pittsburg

Supt. & Claim Agt.
Jno. Fennimore..... Pittsburg
Roadmaster, John Cotter..... "
Energy purchased from Spring River Pwr. Co.; trans. volt. 33,000 & 22,000 v; trolley volt. 600 v.
5 sub-stas. (3 with auto control) tot. cap. 2,600 kw; 8 rot. conv.
Sub-stas. at Pittsburg, Scammon and Franklin, Kans., and Asbury, Mo., and Turkey Creek (No P. O.);
Repair shops at Pittsburg.
Reaches Riverside Park and Electric Park.
104.14 miles; 4-8½ g; 52 motor pass. 6 fgt. mo., 68 fgt. without mo. and 3 service cars. (Co. sells some pwr.) 50

ROSEDALE. 7,498.
(See Nos. 536 and 537.)

SALINA. 10,448 (1915).

342—Salina Street Ry. Co.—Office, Vallette Flats.
Pres.
H. C. Smither....710 W. Ash St., Salina
V. Pres. Joseph Duncan..... "
Sec., Treas., Gen. Mgr., Claim & Pur. Agt. W. E. Smither, Valetta Flats
Engr. Ovhd. Constr. & M. M.
Oscar Larson, South Chicago St. "
Energy purchased from The Salina Lt. Pwr. & Gas Co.; trolley volt. 575-550 v.
Reaches park and University.
7½ miles; 4-8½ g; 8 motor cars and 1 other car. ★70

SCAMMON. 2233.
(See No. 341.)

TOPEKA. 46,747 (1915).
(See also No. 329.)

344—The Topeka Ry. Co.—Office, 12th and Jackson Sts. (Part of The Illinois Traction System.) (Connects Topeka and Oakland.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck...Peoria, Ill.
V. Pres. & Treas.
Geo. M. Mattis.....Champaign, Ill.
Sec. E. A. Macnutt.....Montreal, Que.
Audr. W. D. Cole.....Topeka
Asst. Gen. Mgr. A. M. Patten.... "
Supt. & Claim Agt. E. H. Rowell.. "
Operating Engr. W. G. Miller..... "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M., S. S. French .....Topeka
Roadmaster, J. H. McCahan..... "
Energy purchased from The Topeka Edison Co.; trans. volt. 6600 v; trolley volt. 600 v.
Repair shops at 12th & Jackson Sts.
40.3 miles (30.5 mi. 1st m. t., 6.9 mi. 2nd m. t., 2.9 mi. sid.); 4-8½ g; 49 motor pass., 29 trail pass., 1 motor freight and 7 motor service cars. ★60

WICHITA. 80,000.

345—Arkansas Valley Interurban Ry. Co.—Office, 120 W. 1st St. Wichita. (Connects Hutchinson, Burrton, Halstead, Newton, Sedgwick, Valley Center and Wichita.)
Pres. Geo. Theis, Jr.
Schweiter Bldg., Wichita
V. Pres. & Gen. Mgr. Chas. H. Smyth
Terminal Sta., Wichita
Sec. & Treas.
R. B. Campbell " "
Audr. Chas. Basse " "
Supt. & Pur. Agt.
C. R. Lewis..... " "
Traffic Mgr.
C. M. Morrison.... " "
Ch. Engr. H. E. Worden
Terminal Sta. "
M. M., E. R. Vallance " "
Energy purchased from Kansas Gas & Elec. Co.; trans. volt. 66,000 v; trolley volt. 600 v.
3 sub-stas; 3 mo. gen. sets.
Repair shops at Wichita.
61.7 miles (58 mi. 1st m. t. 1.4 m. 2d m. t. 1.4 mi. sid.) 4½ g; 18 motor pass., 1 trail pass; 2 motor freight, 10 trail freight cars; 2 motor service cars. ★70

346a—Wichita R. R. & Lt. Co.—Office, 111 So. Main St. (Part of Illinois Traction System.)
Pres. W. B. McKinley....Champaign, Ill
V. Pres. Ex. H. E. Chubbuck..Peoria, Ill.
V. Pres. & Treas.
Geo. M. Mattis.....Champaign, Ill.
Sec. E. A. Macnutt..Montreal, Que., Can.
Asst. Gen. Mgr. A. M. Patten.....Topeka
Supt. H. W. Patten.....Wichita
Audr. W. D. Cole.....Topeka
Pur. Agt. H. J. Vance ..... Peoria, Ill.
Claim Agt. John Rowell.....Wichita
Operating Engr. W. G. Miller.....Topeka
Energy purchased from Kansas Gas & Elec. Co.
Repair shops at 10th & Wichita Sts.
41.19 miles (29.50 mi. 1st. m. t., 8.32 mi. 2nd m. t., 3.27 mi. sid.); 4-8½ g; 80 motor pass., 2 trail pass. and 3 motor service cars. ★60

346b — Wichita - Walnut Valley Interurban Railway. — Office 515 Beacon Bldg. (Pending permission from the Capital Issues Committee to sell securities.) (Charter to be taken over by other parties. (Will connect Wichita, Andover, Benton, Augusta, Towanda, El Dorado, Gordon, Douglass and Winfield.)
Pres. — —
V. Pres. A. H. Hill.....Wichita
Sec. T. A. Coffman..... "
Treas. L. S. Naftzger
So. West St. Bank, "
66 miles. ★50

WINFIELD. 6,700.

347—The Southwestern Interurban Railway.—(Formerly Southern R. R. Co.) Office, Winfield. (Connects Winfield, Hackney and Arkansas City.)
Pres. Homer M. Preston.....Tulsa, Okla.
Audr., Gen. Fgt. & Pass. Agt.
S. H. Grimes.....Arkansas City
Ch. Engr. A. U. Bigbee.... "
Gen. Mgr. Chas. Houston .....Winfield
Eng. Pwr. Sta.
A. S. Bumgardner.....Hackney
Eng. M. of W., H. J. Houser....Winfield
Power sta. equip. 2 d. c. West. tot. 450 kw; 2 c. Mur. Cor; 3 b. Mur.
Power sta. at Hackney; repair shops at Winfield.
25 miles: 4-8½ g; 6 motor pass., 1 fgt. motor and 1 service cars. ★70

KENTUCKY.

ASHLAND. 9,874.
(See No. 1190.)

CATLETTSBURG. 3,520
(See No. 1190.)

COVINGTON. 57,144 (1916).

349—Cincinnati, Newport & Covington Lt. & Trac. Co.—General office, Newark, N. J.; branch office, 1st Natl. Bank Bldg., Cincinnati, O. (This is a holding company and owns the stock of Union Light, Heat & Power Co. The Cincinnati, Newport & Covington Ry. Co., which in turn owns the stock of The So. Covington & Cincinnati St. Ry. and other subsidiary

lines. All stocks are leased to Columbia Gas & Elec. Co.)
Pres. James M. Hutton.... Cincinnati, O.
V. Pres. Louis J. Hauck... " "
Sec. & Treas. G. M. Abbott " "
50

350 — The Cincinnati, Newport & Covington Ry. Co. and The South Covington & Cincinnati St. Ry. Co.—(The Cincinnati, Newport & Covington Lt. & Trac. Co. owns the stock of The Cincinnati, Newport & Covington Ry., which in turn owns the stock of The South Covington & Cincinnati St. Ry. Co. and other subsidiary lines operated in conjunction therewith.) (Connects Cincinnati, Covington, West Cincinnati, Ludlow, Ft. Mitchell, Newport, Dayton, Bellevue, Ft. Thomas and Clifton.)
Pres. W. W. Freeman...Cincinnati, Ohio
V. Pres. W. Y. Cartwright "
Sec. & Treas. Polk Laffoon....Covington
Gen. Mgr. W. H. Harton..... "
Claim Agts. { A. M. Bower..... " / W. J. Ranshaw..... "
Pur. Agt., C. J. Bauer
4th & Plum Sts., Cincinnati, Ohio
Elec. Engr. C. W. DeForest.... "
Gen. Supt. Wm. H. Harton, Jr. "
Supt. Transp. P. P. Lillard.... "
M. M. Frank W. Wampler.....Newport
Engr. M. of W., W. T. Rossell. "
Roadmaster, Martin Foley..... "
Engr. Ovhd. Constr. W. W. Tripp "
Power sta. equip. 3 d. c. Westg. tot. 2675 kw; 2 a. c. G. E. tot. 3250 kva. 4500 v. 3 ph. 60 cys; 5700 hp. c. E. & G., West., Cpr. Bckye, 5000 hp. b. Stir; 3250 kw. stm. turb. G. E., trans. volt. 13,200 v; trolley volt. 550 v. Energy also purchased at Newport, from The Union Gas & Elec. Co., Cincinnati, O.
1 sub-sta. cap. 4400 kw; 2 rot conv.
Power sta. and repair shops at Newport.
Reaches Ludlow Lagoon, Latonia Race Track, Queen City Bathing Beach and Fort Thomas Army Post.
63.087 miles owned (85.775 mi. 1st.m. t., 24.703 mi. 2nd m. t., 2.609 mi. mi. sid.); also 54.81 miles track nights. Total miles operated 65.957; 5-2½ g; 193 motor pass., 19 motor service and 4 trail service cars.
★60

FRANKFORT. 11,080 (1916).

(See No. 352.)

GEORGETOWN. 4,533.

(See No. 352.)

HENDERSON. 12,192 (1916).

351 — Henderson Trac. Co. — Office 214 Locust St., Evansville, Ind. (Controlled by Evansville & Ohio Valley Ry. Co.)
Pres. J. H. Lyne.....Henderson
V. Pres. C. C. Tennis.....Pittsburg, Pa.
V. Pres. & Gen. Mgr.
Wm. A. Carson.....Evansville, Ind.
Sec. & Treas. C. H. Battin .. " "
Audr. Geo. W. Wilson..... " "
Gen. Supt. G. R. Millican..... " "
Supt. of Transp. E. L. Moore.. " "
Local Supt. O. S. Graham.....Henderson
M. M. Geo. W. Burke....Evansville, Ind.
Energy purchased from municipal plant at Henderson.
Repair shops at 458 S. Main St.
Reaches Atkinson and Base Ball Parks and Fair Grounds.
6 miles; 4-8½ g; 16 cars. 50

LEXINGTON. 41,534. (1920).

352—Kentucky Traction & Terminal Co.—Office, 156-60 West Main St., Lexington. (Owned by Kentucky Securities Corporation of Phila., Pa.)
Cap. Stk. $2,093,400; bds. $3,957,000 (Operates interurban lines between Lexington, Versailles, Frankfort, Georgetown, Nicholasville and Paris, and operates city lines in Paris, Frankfort, Winchester and Georgetown.)
Pres. Percy M. Chandler
Franklin Bank Bldg., Philadelphia, Pa.
V. Pres. F. W. Bacon..... " "
Sec. T. D. Murray.....Lexington
Asst. Sec. & Audr. L. F. Rye.. "
Treas. J. Will Stoll..... "
Gen. Mgr., J. P. Pope..... "
Supt. Transpt. Henry Bush..... "
Claim Agt. Wallace Muir..... "
Gen. Fgt. Agt. J. J. Bonfield... "
Ch. Engr. & Park Mgr.
Geo. MacLeod..... "
Supts. { Production, A. A. Robertson,.... " / Distr. W. Reed..... "
M. M., W. G. Stack..... "
Roadmaster, J. H. Kearney.... "
Pwr. sta. equip; 3 a. c. G. E, Allis-C. tot. 9000 kw. 2300-4000 v. 3 ph. 60 cys; 6000 hp. b. Edge & B. & W.; 9000 kw. stm. turb. G. E., Allis-C; trans. volt. 33,000 v; trolley volt. 600 v., 6 transf. tot. 3,000 kw., 4000-33,000 v; 2 mo. gen. sets tot. 1500 kw.
7 sub-stas tot. cap. 3200 kw; 5 rot. conv., tot. 1500 kw., 3 mo. gen. sets, tot. 1700 kw.
Pwr. stas. and repair shops at Lexington.
Owns Blue Grass Park.
93.79 miles; 4-8½ g; 70 motor and 13 other cars. ★50

LOUISVILLE. 238,910 (1916).

(See also Nos. 285, 286, 290, 360, 525 and 1070.)

353—Louisville & Interurban R. R. Co.—Office, 316 W. Jefferson St. (Connects Prospect, Jeffersontown, Valley Sta., Fern Creek and Oklona; Louisville, Anchorage, Pewee, Crestwood, La Grange, Middletown, Lakeland, Eastwood, Long Run, Simpsonville, Scott's Sta. and Shelbyville.) (Controlled by Louisville Ry. Co.)
Pres. & Gen. Mgr. T. J. Minary Louisville
1st V. Pres. & Gen. Counsel
A. P. Humphrey
Inter-Southern Bldg. "
Asst. to Pres. & Gen. Mgr.
T. H. Minary..... "
Sec. & Treas., Sam'l G. Boyle.... "
Audr. R. A. Watts..... "
Supt. Transp. Sam'l Riddle.... "
Gen. Fgt. & Pass. Agt.
R. H. Wyatt, Brook & Liberty Sts. "
Pur. Agt. C. E. Early..... "
Claim Agt., N. W. Funk ..... "
Elec. Engr. & Eng. Ovhd. Constr., Frank H. Miller.... "
M. M., John Zall
29th & Garland Sts. "
Supt. M. of W., H. C. DeVoe.. "
Energy from Campbell St. Plant of the Louisville Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Sub-stas. at Marcia, Buckner, Eastwood, Scotts and Jeffersontown.
101.3 miles; 4-8½ g. (12.3 mi.) & 5g; 42 motor pass., 7 trail pass., 12 fgt. motor, 6 fgt. without motors and 3 service cars.
★50

354—Louisville Ry. Co.—Office, 316 W. Jefferson St. (Controls Louisville & Interurban R. R.) (Connects Shelbyville and La Grange.)
Pres. James P. Barnes.....Louisville
V. Prests. { Samuel Riddle..... " / Frank H. Miller..... "
Sec. & Treas.
Sam'l G Boyle..... "
Pur. Agt. C. E. Early..... "
Equip. & Roadway,
T. H. Minary..... "

Supts. { Maint. of Way, C. L. Christopher, 18th & Walnut Sts., Louisville
Power Stas. H. W. Wischmeyer Campbell & Jacob Sts. "
Ovhd. Constr. C. O. Seaton..... "

Asst. Supt. Maint. of Way N. C. DeVoe..... "
M. M., John Zoll. 29th & Garland Aves. "

Power sta. equip. 5 d. c. G. E. tot. 4800 kw; 6 a. c. Westg. tot. 21,800 kw. 13,200 v. 3 ph. 25 cys; 11,250 hp. e. Allis-C; 18,000 hp. b. Bab. & W; 18,500 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 600 v. d. c.

Power stas. at Campbell & Jacob Sts. and 2005 High St.; repair shops at 29th & Broadway.

Reaches Fontaine Ferry.

150 miles; 5 g; 698 cars, 15 snow plows and sweepers. ★50

MAYSVILLE. 6,141.

356 -- Maysville Street R. R. & Transfer Co.—Office, 211 Court St. (Controlled, through ownership of entire capital stock, by Maysville Public Service Co.)

Pres. & Gen. Mgr. Horace J. Coohran.....Maysville
Sec. & Treas. R. A. Cochran... "

Energy from Maysville Power Co.; trolley volt. 575 v.

Owns Beechwood Park.

4.5 miles; 4-8½ g; 9 motor and 8 other cars. 50

OWENSBORO. 17,784 (1916).

357—Owensboro City R. R. Co.—Office, 214 Locust St., Evansville, Ind. (Controlled by Evansville & Ohio Valley Ry. Co.)

Pres. Wm. A. Koch.....Evansville, Ind.
V. Pres. A. W. Funkhouser. "
Sec. C. H. Battin..... "
Treas. & Gen. Mgr. Wm. A. Carson..... "
Audr. Geo. W. Wilson..... "
Gen. Supt. & Pur. Agt. G. R. Millican..... "
Local Supt., Wm. A. Tower...Owensboro
Asst. Supt., H. Carrico..... "

Power sta. equip. 2 d. c. G. E. tot. 600 kw; 700 hp. e. L. & B; 600 hp. b. Atlas; trolley volt. 550 v.

Power sta. and repair shop at Hathaway & 6th Sts.

Reaches Hickman Park, owned by city, and Seven Hills, Chautauqua Park, Fair Grounds, Baseball and Shooting Grounds and Fern Hills Coal Mine.

12.5 miles; 4-8½ g; 29 motor, 7 trail and 21 coal cars. 70

PADUCAH. 24,842 (1916).

359a—Paducah Electric Co.—(Formerly Paducah Trac & Lt. Co.) Office, 406 Broadway. (Co. does entire gas and commercial electric light and power business in Paducah and operates steam heating plant, serving business section.) (Owns the securities, except qualifying Directors' shares of the Paducah Railway Co., which company does the entire electric railway business in Paducah.)

Pres. Harry T. Edgar 147 Milk St., Boston, Mass.
V. Pres. Daniel Daly c/o Keokuk Elec. Co., Keokuk, Ia.
Treas. Henry B. Sawyer. 147 Milk St., Boston, Mass.
Gen. Mgrs. Stone & Webster, Inc., 147 Milk St., Boston, Mass.
Local Mgr. A. S. Nichols.....Paducah
Supt. Fred. Cloen..... "
Claim Agt., J. W. McNeely.....Paducah
Ch. Engr. A. N. Davis..... "
M. M., C. F. Furlow..... "

Power sta. equip., 3 d. c. G. E., total 680 kw. 500 v., 3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph. 60 cys., 2350 hp. e. Run. Ham. Cor.; 1989 hp. b. Stir; trolley volt. 525 v.

Power sta. at 2nd & Monroe Sts., Paducah.

Car barn and repair shops at Wallace St., Paducah.

Reaches Wallace Park (owned).

18.251 miles (16.594 mi. 1st m. t., 0.93 mi. 2nd m. t., 0.727 mi. sid.); 4-8½ g.; 22 motor pass., 8 trail pass. and 2 motor service cars. ★70

PARIS. 5,859.

(See No. 352.)

SHELBYVILLE. 3,419.

(See No. 353.)

SOMERSET. 4,491.

360—Kentucky Utilities Co.—Office, Paul Jones Bldg., Louisville. (Subsidiary of the Middle West Utilities Co.) Connects Somerset, White City and Ferguson.

Pres. Harry Reid..... Louisville
V. Pres. & Gen. Mgr. L. B. Herrington..... "
Asst. to Pres. R. H. Moran.... "
Sec. & Treas. Arthur Tuttle... "
Pur. Agt. C. C. Dickens..... "
Ch. Engr. G. T. Bogard..... "
Engr. Pwr. Sta. J. P. Hicks....Somerset
M. M. & Engr. Ovhd. Constr. W. M. Flora..... "

Power sta. equip. 2 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; 300 hp. e. Harrisbg; 700 hp. b. Heine; 500 kw. stm. turb. G. E; 1 mo. gen. set; trans. volt. 6600 v; trolley volt. 550 v.

Power sta. and repair shops at Somerset.

Reaches White City Park.

3.3 miles; 4-8½ g; 4 motor pass. cars. Co. does lighting and power business. ★50

WINCHESTER. 7,156.

(See No. 352.)

LOUISIANA.

ALEXANDRIA. 15,333 (1916).

361—Municipal Street Railway. (City purchased property of Southern Trac. & Pwr. Co.)—Office, Alexandria.

Commr. of Streets & Parks Irving McGinnis.....Alexandria
Supt. J. C. Rorsdale..... "
Ch. Engr. Ira W. Sylvester.... "
Elec. Engr. C. E. Brister..... "

Power sta. equip. 3 d. c. G. E. West. tot. 510 kw; 600 hp. e. H. F. & M; 400 hp. b. Bab. & W; 160 hp. turb. (wtr.) ——; trans. and trolley volt. 550 v.

Power sta. at So. Alexandria; repair shops at Winn & Thorne Sts.

Reaches Kent Park (controlled.)

7 miles; 4-8½ g; 6 motor and 3 other cars. 60

ALGIERS

361a—South New Orleans Lt. & Trac. Co.—Office 222 Elmira Ave Sta. A, New Orleans. (Successor to Algiers Ry. & Ltg. Co.) (Connects Algiers, Gretna, Harvey, Marrero and McDonoughville.) (Controls the West New Orleans Lt. & Trac. Co.)

Pres. & Gen. Mgr. E. W. Burgis...Algiers
V. Pres. E. Howard McCaleb 1031 Maison Blanche Bldg., New Orleans
Sec. & Treas. R. M. Salvant.....Algiers
Elec. Engr. J. H. Seaman..... "

Energy purchased from New Orleans Ry. & Lt. Co. trans. volt. 6600—2300 v; trolley volt. 600 v;
1 sub-sta. cap. 1650 kw.; 2 rot. conv., 1 mo. gen. set.
Repair shops at 222 Elmira Ave.
Reaches Suburban and Crescent Parks.
6.5 miles; 4-8½ g; 15 motor pass., 2 trail pass. and 1 flat car. (Company furnishes energy for lighting.) ★50

361b—West New Orleans Lt. & Trac. Co.—Office, 222 Elmira Ave., Sta. A, New Orleans. (Controlled by So. New Orleans Lt. & Trac. Co.)
Pres. & Gen. Mgr. E. W. Burgis, Algiers
V. Pres. E. Howard McCaleb
1031 Maison Blanche Bldg., New Orleans
Sec. & Treas. R. M. Salvant.....Algiers
Energy purchased from South New Orleans Lt. & Trac. Co.
2.6 miles; 4-8½ g; 3 pass. cars and 3 fgt. cars. 50

BATON ROUGE. 17,500 (1916).

362—Baton Rouge Elec. Co.—Office, 401 Lafayette St. (Does the entire electric railway, electric lighting, power and gas business in Baton Rouge.)
Pres. Harry H. Hunt
147 Milk St., Boston, Mass
V. Prests. { Edw. Godchaux, New Orleans / Samuel W. Weis "
Asst. Sec. Ernest I. Doe....Boston, Mass.
Treas. Henry B. Sawyer.... "
Gen. Mgrs. Stone & Webster "
Power sta.: equip. 3 d. c. G. E. tot. 900 kw; 3 a. c. turbo-gen. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 950 hp. e. H. F. & M. F. & S; 1740 hp. b. Bab. & W, W. & W; trolley volt. 600 v.
Power sta. and repair shops at Government St.
6.23 miles; 4-8½ g; 9 motor pass. cars. 129

COVINGTON. 2,601.
(See No. 364.)

GRETNA. 3,609.
(See No. 361a.)

KENNER. 1,253.
(See No. 369.)

LAKE CHARLES. 14,447 (1916).

363—Lake Charles Ry. Lt. & Wtr. Wks. Co.—Office, 704 Ryan St.
Pres. J. A. Landry.....Lake Charles
V. Pres. Arsene Pujo..... "
Sec. Paul O. Moss..... "
Treas. D. J. Landry..... "
Audr. F. S. Shattuck..... "
Pur. Agt. L. A. Swann..... "
Ch. Engr. Pwr. Sta.
F. A. Bird..... "
Supt. Const. W. B. Collins. "
Fmn. Car Barn T. Stein.... "
Power sta. equip. 1 d. c. West. 150 kw; 4 a. c. West. G. E. tot. 2300 kw. 2300 v; 3 ph. 60 cys; 500 hp. e. F. & S; 1500 hp. b. C. & H; B. & W., Stir.; 1400 kw. turb. West; trolley volt. 550 v.
Repair shops at Lake Charles.
Reaches amusement and base ball park.
10 miles; 4-8½ g; 10 motor and 2 other cars. 59

MANDEVILLE. 1,166.

364—St. Tammany & New Orleans Ry. & Ferry Co.—Office, Mandeville. (Connects Mandeville, Covington and Abita Springs)
Pres. Joseph Birg.....Franklin
V. Pres. & Gen. Mgr.
F. Barilleaux..... .....Mandeville
Sec. & Treas., Gen. Fgt., Pass. & Pur. Agt. { Covington / T. Garland Moise..... } Mandeville
Elec. Engr. Harold Raymond
Interstate Bldg., New Orleans
Roadmaster G. Lewis .....Mandeville
Pwr. sta. equip.: 2 d. c. Allis-C.; 1 a. c. Allis-C.—kw. 6600 v. 3 ph. 60 cys; Diesel crude oil engines.
Pwr. sta. at Helinberg: repair shops at Helinberg and Mandeville.
13.60 miles; 4-8½ g; 3 motor pass. 4 trail pass. and 4 other motor cars. (Company furnishes energy for lighting.) 127

MONROE. 13,214 (1916).

365—Monroe St. Ry. (Munic.)
Sec. P. A. Poag.....Monroe
Supt. St. Ry. Joe Mangham..... "
Power sta. equip: 1 a. c. West. 200 kw. 2200-104 v. 2 ph. 60 cys; 300 hp. e. H. F. & M; 1000 hp. b. Stir, Erie; 100 kw. rot. conv. West; trolley volt. 500 v.
Reaches Forsythe Park, owned by City.
10 miles; 4-8½ g; 14 cars. (City also operates elec. ltg. and wtr. system.) 118

NEW ORLEANS. 371,747 (1916).
(See also Nos. 361a and 691.)

368—New Orleans Railway & Light Co.—Office, 201 Baronne St. (Leases the N. O. City R. R. Co., and controls the N. O. & Carrollton R.R. L. & P. Co., St. Charles St. R. R. Co., Orleans R.R. Co., and N. O. & Pontchartrain R.R. Co.) (Controlled by American Cities Co.)
Recvr. J. D. O'Keefe.....New Orleans
Pres. D. D. Curran..... "
V. Pres. R. M. Walmsley.... "
Sec. Jos. H. DeGrange..... "
Treas. H. A. Ferrandou..... "
Audr. O. B. McCoard..... "
Gen. Mgr., A. L. Kempster.. "
Claim Agt. Wm. H. Renaud.. "
Pur. Agt. J. R. McGivney... "
Supts. { Pwr. Frank G. Frost "; Track, M. V. Houlard "; Distrb. V. L. Willos "; Transp. & Rys. N. H. Brown..... "; Equip. Robt M. O'Brien "; Com'l, W. E. Clement; Magazine & Pleasant Sts. "
Master Mechanics { Jno. M. Dahmer, Magazine & Pleasant Sts., New Orleans / W. Dickerson, Oak & Jeannette Sts.....New Orleans
Power sta. equip. 14 d. c. West. G. E., tot. 13,700 kw; 8 a. c. G. E., tot. 46,500 kw 2300-6600 v. 3 ph. 60 cys; 32,275 hp. e. F. & S., Wms. McI. & S. Allis-C: 19,100 hp. b. Heine. Bab. & W, Edge: 40,500 kw. turb. (stm.) G. E; trans. volt. 6600; trolley volt. 570 v.
7 sub-sta. tot. cap. 1750 kw; 7 rot. conv., 14 mo. gen. sets.
Power sta. at Market & Water Sts; repair shops at Magazine & Pleasant Sts., and at Oak & Jeanette Sts.
Reaches City, Audubon and West End Parks: Spanish Fort, summer resort, (owned.)
218.15 miles; 4-8½ & 5-2½ g; 548 motor pass., 42 trail pass., 3 fgt. motor, 1 fgt. without motor and 102 service cars. (Company does general lighting and power business in New Orleans.) 50

369—Orleans-Kenner Traction Co., Inc. (Formerly Orleans-Kenner Elec. Ry. Co.)—Office, 127 S. Rampart St. (Connects W. Carrolton, Southport, Suburban Acres, Harahan City, Kenner and Hanson City with New Orleans.)
Pres. T. G. Bush.....New Orleans
Sec. & Treas. O. B. McCoard, c/o New Orleans Ry. & Lt. Co., New Orleans
Audr. & Pur. Agt. W. H. Broad..... "
Supt. E. F. Greenleaf..... "
Ch. Engr. Wm. Gardner, Jr.....Harahan
Engr. M. of W. Jules Meibaum..... "
Energy purchased from New Orleans Ry. & Lt. Co; 3 transf. 6600 v. 3 ph. 60 cys. trolley volt. 1200 v. d. c. catenary.

1 sub-sta; 2 rot conv.
Sub-sta. and repair shops at Harahan City.
Reaches and owns Felix Park, Kenner.
15.98 miles; 4-8½ g; 7 motor pass., 3 trail pass. and 2 motor freight cars. ★50

ST. TAMMANY. 298.
(See No. 364.)

SHREVEPORT. 43,874 (1920)

370 — Shreveport Railways Co. — Office, 519 Marshall St. (Successor to Shreveport Trac. Co.) (Connects Shreveport and Jewella & Shreveport and Cedar Grove.)
Pres., Gen. Mgr. & Pur. Agt. H. B. Hearn.....Shreveport
V. Pres. W. T. Crawford..... "
Sec., Treas. & Claim Agt. Ed. Jacobs..... "
Audr., H. C. Kibneman..... "
Supt. C. C. Bullock..... "
Elec. Engr. & Ch. Engr. Pwr. Sta. E. W. Denham..... "
M. M., Gus D. Rushing..... "
Roadmaster, I. A. Newsome.. "
Engr. Ovhd. Constr. W. E. Pike "
Power sta. equip. 2 d. c. G. E. tot. 1500 kw; 2450 hp. e. Ham, H. & T; 1650 hp. b. trolley volt. 600 v.
Power sta. and repair shops at 200 Market St.
Reaches Baseball Park and Fair Grounds.
32.60 miles; 4-8½ g; 39 motor and 3 service cars. 119

MAINE.

AUBURN. 16,398 (1916).
(See No. 376.)

AUGUSTA. 14,170 (1916).
(See No. 377.)

BANGOR. 26,669 (1916).

371—Bangor Ry. & Electric Co. — Office, 84 Harlow St. (Graham Bldg.) (Consolidation of Bangor, Orono & Old Town Ry. Co., Bangor, Hampden & Winterport Ry., Old Town Electric Co., Public Works Co., Penobscot Water & Power Co., Brewer Water Co. and Bangor & Northern R. R. Co.) (Controls through stock ownership the Bangor Power Co., the Bar Harbor & Union River Pwr. Co. and the Orono Water Co.) (Connects Bangor, Brewer, Old Town, Orono, Veazie, Milford, Hampden, Kenduskeag, Corinth and Charleston.)
Pres., E. C. Ryder.....Bangor
V. Prests. { Gen. Mgr. Edward M. Graham " ; Frank Silliman, Jr. 321 Chestnut St., Philadelphia, Pa.
Sec. & Treas. Howard Corning....Bangor
Audr. C. A. Pearson, Jr..Philadelphia, Pa.
Supt. Ry. C. H. Johnson.....Bangor
Supt. Wtr., H. T. Sparks..... "
Asst. Mgr., Robert A. Hadden... "
Pur. Agt., Fred. H. Libby..... "
Claim Agt., Gen. Fgt. & Pass. Agt. H. W. Daggett..... "
Ch. Eng., Signal & Elec'l Engr. Phifer Smith..... "
M. M., H. B. Baldwin..... "
Ch. Engr. Pwr. Sta. G. A. Hathorn...Veazie
Roadmaster, D. J. Cullinan.....Bangor
Power sta. equip. 2 d. c. G. E. tot. 450 kw; 6 a. c. G. E., Elec. Mch. tot. 2610 kva. 6600 v. 3 ph. 60 cys; 350 hp. b. Stir. 3790 hp. wtr. turb. Lcf. Smith, McC, Hunt; trans. volt. 6600 v; trolley volt 600 v.
Energy purchased from Bangor Pwr. & Bar Harbor & Union River Pwr. Co.
3 sub-stas. tot. cap. 4605 kw; 2 rot. conv; 2 mo. gen. sets.
Power sta. at Veazie (no P. O.); repair shops at Bangor.
66.11 miles (56.97 mi. 1st m. t., 3.47 mi. 2nd m. t., 5.67 mi. sid.); 4-8½ g; 52 motor pass., 4 motor freight, 24 trail freight and 14 motor service cars. (Company does general lighting business in Bangor and vicinity.) ★50

BATH. 9,396.
(See No. 377.)

BIDDEFORD. 17,665.
(See also No. 384.)

372—Biddeford & Saco R. R. Co. —Office, 11 City Square. (Connects at Saco with Cumberland Pwr. & Lt. Co. for Portland and Biddeford with the Atlantic Shore Ry.)
Pres. & Gen. Mgr. C. H. Prescott.....Biddeford
Sec. & Treas. E. F. Lord..... "
Supt. & Pur. Agt. E. O. Hill.....Saco
Roadmaster, Benj. Greenwood. Biddeford
Engr. Ovhd. Constr. Wm. Dunn.....Saco
Energy purchased from York Pwr. Co; trolley volt. 600 v.
1 sub. sta. cap. 600 kw; 2 rot. conv.
Sub. sta. and repair shops at Saco.
3.25 miles; 4-8½ g; 20 motor pass. and 2 other cars; 3 safety cars. ★60

CALAIS. 6,616.

373—Calais Street Ry.—Office. 19 N. St. (Line extends into Canada (3 miles) under the name of the St. Stephen Elec. Ry.) (Connects Calais, Me., and St. Stephen and Milltown, N. B.)
Pres. Geo. A. Curran..... .....Calais
Sec., Treas. & Gen. Mgr. Ben. Y. Curran..... "
Supt. & Ch. Engr. C. F. Pray..... "
Power sta. equip. 2 d. c. G. E. tot. 300 kw; 2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph. 60 cys; 200 hp. e. Ball; 200 hp. b. Cungh; 800 hp. turb. (wtr.) Smith; trolley volt. 550 v.
Power sta. and repair shops at Calais.
6.59 miles; 4-8½ g; 8 motor and 2 other cars. (Co. sells energy for motor load in Calais and St. Stephen.) 50

CAMDEN. 3,015.
(See No. 383.)

CARIBOU. 5,377.
(See No. 381.)

FAIRFIELD. 4,425.
(See also No. 386.)

374—Benton & Fairfield Ry. Co. — Office, Fairfield. (Connects Fairfield and Benton Falls.)
Pres. Sidney Mitchell, 171 Madison Ave., New York, N. Y.
Sec. C. E. Daniels, 171 Madison Ave., New York, N. Y.
Mgr. H. J. Madigan.....Fairfield
Supt. W. A. McAuley..... "
Power sta. at Fairfield; repair shops at Benton Falls.
4.8 miles; 4-8½ g; 3 motor and 5 other cars; 1 snow plow. 109

374a—Fairfield & Shawmut Ry. — Office, Fairfield. (Connects Fairfield and Shawmut.)
Pres. & Gen. Mgr. Geo. G. Weeks..Fairfield
Sec. H. D. Eaton.....Waterville
Treas. & Pur. Agt. H. E. Weeks .....Fairfield
Supt. Edw. Prue..... "
Energy purchased from Central Maine Pwr. Co.
3.3 miles; 5-6 g; 3 motor pass., 1 motor freight and 1 motor service car. ★50

FREEPORT. 965.
(See No. 377.)

KENNEBUNK. 3,099.

(See No. 384.)

KENNEBUNKPORT. 2,180.

(See No. 384.)

LEWISTON. 31,707 (1920)

376—Androscoggin Electric Co.—Office, 100 Main St., Lewiston. (Purchased by Central Maine Power Co.) (Consolidation of Lewiston & Auburn Elec. Lt. Co. and Portland-Lewiston Interurban R.R.) (organized as Portland, Gray & Lewiston R. R.) (Connects Portland, Falmouth, Gray, New Gloucester, Auburn and Lewiston.)

Pres. Harvey D. Eaton.....Waterville
Treas. W. S. Wyman.....Augusta
Audr. J. S. Everett..... "
Gen. Mgr. Fred D. Gordon.....Lewiston
Supts. { R. R. Div.
P. E. Weymouth..... "
Elec. Div. O. D. Mudgett "

Power sta. equip. 7 a. c. G. E. tot. 5800 kw. 10,000 & 2300 v. 3 & 2 ph. 60 cys; 1,500 kw. turb. (stm.) G. E; 1086 hp. b. Heine; trans. volt. 10,000 v; trolley volt. 550 v.

Pwr. stas. at Deer Rips, Barker's Mills, Littlefields and Lewiston.

30.76 miles; 4-8½ g; 8 motor pass., 2 other motors and 8 other cars; 1 elec. loco. (Co. does general ltg. & pwr. business.) ★70

377—The Androscoggin & Kennebec Railway Co.—(Formerly Lewiston, Augusta & Waterville St. Ry.) Office, No. 1 Lisbon St., (Owns and operates city and interurban lines extending from Waterville through Augusta (at which point lines branch to Winthrop and Togus), Gardiner, Sabattus and Lewiston; from Lewiston extends to Lisbon Falls and Topsham to Brunswick, at which point lines extend to Bath on the east and on the west to Yarmouth, where connection is made with the Portland R. R. Co.)

Pres. Wm. B. Skelton.....Lewiston
V. Pres. & Counsel,
Wm. H. Newell..... "
Treas. Miss Grace E. Fitz..... "
Gen. Mgr. & Clerk
Alfred Sweeney..... "
Asst. to Gen. Mgr.
Claude C. Cole..... "
Pur. Agt. H. E. Rose..... "
Fgt. Agt. R. E. Halliday..... "
Elec. Engr. F. W. Emery..... "
M. M. R. T. Langlan..... "
Supt. Track, Wm. Blake..... "
Supts. & Trans. { (Lewiston Div.) Wm. Tourigny
(Augusta Div.) G. W. Bowie
(Bath Div.) Parker Lewis
(Freeport Div.) E. L. Varney

Power sta. equip. 1 d. c. G. E. tot. 200 kw; 1 a. c. West. 300 kva. 400 v. 3 ph. 25 cys; 1800 hp. e. Cor. Rua. 550 hp. b. Robb. Eng. Co.; trans. volt. 10,000-12,100-22,000 v.; trolley volt. 600 v.

10 sub-stas. tot. cap. 4000 kw; 11 rot. conv; 3 mo. gen. sets.

Energy purchased from Central Maine Power Co., Waterville; and Androscoggin Elec. Co., Lewiston.

Power sta. at Hallowell; repair shops at Lewiston, Augusta, Freeport and Bath.

Owns Lake Grove Park, Auburn, and Island Park, Augusta.

187.615 miles; 4-8½ g; 106 motor pass. 10 fgt. motor, 46 fgt. without motors. 36 service and 53 other cars. (Co. does lighting and power business in Freeport.) ★50

MADISON. 3379.

(See No. 385.)

MECHANIC FALLS. 1,687.

(See No. 378.)

NORWAY. 3,002.

378—Oxford Elec. Co.—Office, Norway. (Purchased by Central Maine Power Co.) (Formerly Norway & Paris St. Ry. Co.) (Connects Norway and So. Paris.)

Pres. Harvey D. Eaton.....Waterville
Treas. W. S. Wyman.....Augusta
Audr. J. S. Everett..... "
Gen. Mgr. Fred D. Gordon..... "
Supt. & Pur. Agt. H. B. Young..Norway

Power sta. equip. 2 d. c. T.-H. tot. 124 kw. 500 v; 5 a.c. G. E, Westg. tot. 410 kw. 2200 v. 2 ph. 60 cys. and 2300 & 550 v. 3 ph. 60 cys; 650 hp. e. West, Cor., A. & S; 750 hp. b. Erie, Portland; 886 hp. wtr. wh. Hunt; trolley volt. 550 v.

Power stas. at Norway, Mechanic Falls and So. Paris; repair shops at Norway and Mechanic Falls.

2.13 miles; 4-8½ g; 6 motor pass., 1 other motor and 1 other car. (Co. does lighting and power business.)

(Operation of railway discontinued.) ★70

OLD TOWN. 6,317.

(See No. 371.)

PORTLAND. 63,867 (1916).

379—Cumberland County Pwr. & Lt. Co.—Office, 453 Congress St. (Operates under lease the Portland R. R. Co.) (Controls, through stock ownership, York County Pwr. Co.) (Owns Consolidated Electric Lt. Co., Westbrook Elec. Co., Portland Lgt. & Pwr. Co. and Portland Electric Co.) (Does the entire elec. ltg. and pwr. business in the city of Portland and adjacent communities. Its controlled companies operate the street railway systems of Portland and So. Portland with suburban lines to Westbrook, Gorham, So. Windham, Cape Elizabeth, Old Orchard, Saco and Yarmouth, where connection is made with the lines of the Androscoggin & Kennebec Ry. Co., extending to Brunswick, Bath, Sabattus, Lewiston, Gardiner, Augusta and Waterville; also the elec. lt. and pwr. business of Biddeford, Saco, Old Orchard, Kennebunkport, York Harbor, Alfred, Sanford, Springvale and Freeport, and the gas business of Biddeford and Saco.)

Pres. H. M. Verrill.....Portland
V. Pres. Frank D. True..... "
Treas. & Clerk, Chas. F. Berry.. "
Asst. Gen Mgr.
Alfred Sweeney.....Lewiston
Engrs. { Pwr. & Lt. Dept.
F. R. Fowles.....Portland
Ry. Dept.
M. A. Williams..... "
Ch. Engr. Geo. E. Haggas..... "
Supts. { Track F. H. Knight..... "
Transp. Geo. M. Todd.. "
Pur. Agt. Burton W. Shaw..... "
Claim Agt. F. S Briggs..... "
Gen. Fgt. Agt. R. E. Halliday... "

Power sta. equip. 19 d. c. G. E. tot. 6210 kw; 17 a. c. Allis C West. tot. 15,425 kw. 2300 & 10,000 v. 3 ph. 60 cys; 6666 hp. e. Allis-C. Prov; 5070 hp. b. Hab. & W; 1600 kw. stm. turb. G. E; 19,400 hp. wtr. turb. Smith. Allis-C; trans. volt. 35,000 v; trolley volt. 550 v.

Power stas. (stm.) at Forest Ave. & Plum St., Portland and South Portland; hydro-stas. at Bonny Eagle, West Buxton, North Gorham and Hiram Falls; repair shops at St. John St., Portland.

Owns and operates Riverton Park and Cape Cottage Park.

106,608 miles; 4-8½ g; 239 motor pass., 8 trail pass., 8 fgt. motor, 10 fgt. without motors and 39 service cars. ★50

380—Maine Rys., Lt. & Pwr. Co.—Office Union Mutual Bldg. (Controls Oxford Elec. Co.)
Pres. Wm. T. Cobb.....Rockland
Clerk, Josiah H Drummond. . Portland
Treas. Frank H. Bradford ..... "
Audr. Frank B. Fish
120 Exchange St. "
109†

PRESQUE ISLE, 5,179.

381—Aroostook Valley R. R. Co.—Office, Presque Isle. (Connects Presque Isle, Crouseville, Washburn, Sweden and Caribou.)
Pres. & Gen. Mgr. A. R. Gould. Presque Isle
V. Pres. & Pur. Agt. L.E. Gould "
Sec. C. F. Daggett..... "
Treas., Claim Agt. & Gen. Fgt. & Pass. Agt. H. N. Crandall "
Gen. Supt. & Ch. Engr. M. S. W. Dingwall..... "
M. M., D. W. Wilder..... "
Energy purchased from Gould Electric Co.; trans. volt. 11,000 v. a. c; trolley volt. 1200 v. d. c.
2 sub-stas. tot. cap. 800 kw; 4 rot. conv.
Sub-stas. at Munson Hill and Caribou; repair shops at Presque Isle.
Company owns Aroostook Valley Park.
38.14 miles; 4-8½ g; 4 motor pass., 2 trail pass. and 1 service car; 1 elec. loco. 50

ROCKLAND, 8,186.

383 — Knox County Electric Co. (Purchased by Central Maine Power Co.) (Formerly Rockland, Thomaston & Camden St. Rwy. Co.)—Office, 445 Main Street. (Connects Rockland, Thomaston, Camden and Warren.)
Pres. Harvey D. Eaton.....Waterville
Treas. W. S. Wyman.....Augusta
Audr. J. S. Everett..... "
Dist. Supt. H. P. Blodgett.....Rockland
Pur. Agt. Blaine Owen.....Augusta
Claim Agt. W. B. Getchell..... "
Gen. Fgt. Agt. R. Trim.....Camden
Engr. Pwr. Sta.
Chas. E. Gregory.....Glen Cove
M. M., Ralph Wentworth..... " "
Ry. Supt. V. Chisholm.....Rockland
Roadmaster, Fred Gregory..... "
Energy purchased from Central Maine Power Co., Augusta; trans volt. 6600 and 2300 v; trolley volt. 550 v; 2 mo. gen. sets; 1 booster.
Sub. sta. and repair shops at Glen Cove. Reaches Oakland Park (owned).
23.92 miles; 4 8½ g; 33 motor pass., 7 other motor and 7 other cars; 4 elec. locos. Does general lighting and power business. ★70

SACO, 6,588.

(See No. 372.)

SANFORD, 10,916 (1916).

384 — Atlantic Shore Railway.—Office, Kennebunk. (Formerly the Atlantic Shore Line Ry., which was a consolidation of Sanford & Cape Porpoise Ry., Mousam River Ry. and Portsmouth, Dover & York St. Ry.) (On May 1, 1917, control of lines west of York Beach reverted to Portsmouth, Dover & York St. Ry.) (Connects York Beach, Ogunquit, Wells, Springvale, Sanford, Kennebunk, W. Kennebunk, Kennebunkport, Cape Porpoise and Biddeford, where connection is made with Biddeford & Saco R. R. Co.) (Freight and passenger service.)
Receivers { F. O. Conant..... Portland
Constant Southworth "
Mgr. for Recvrs.
Sterling T. Dow.....Kennebunk
Elec. Engr. & Pur. Agt.
F. M. Richards..... "
Frmn. Shops W. A. Lovejoy.. "

OLD FALLS PWR. STA. EQUIP. (Kennebunk).—3 a.c. Westg. tot. 1500 kw. 400 v. 2 ph. 60 cys; 2100 hp. turb. (wtr.) S. Morgan Smith; trans. volt. 10,000 v.

ESTES PWR. STA. EQUIP. (Sanford) —2 a. c. Westg. tot. 600 kw. 2300 v. 3 ph. 60 cys; 1300 hp. turb. (wtr.) Platt Iron Wks; trans. volt. 10,000 v.

KENNEBUNK PWR. STA. EQUIP; (Kennebunk).—1 d. c. G. E. 300 kw; 250 hp. e. McI. & S; 475 hp. b. Hodge; trolley volt. 600 v.
Sub-stas. at Sanford, Kennebunkport and Ogunquit tot. cap. 300 kw; 4 rot. convt. (1 portable); repair shops at Kennebunkport and Ogunquit.
Reaches Cape Porpoise, York Beach and Old Falls.
50 miles; 4-8½ g; 22 motor pass., 4 other motor and 15 other cars; 2 elec. locos. 50

SKOWHEGAN, 5,341.

385—Somerset Traction Co.—(Connects Skowhegan and Madison.)
Pres. F. W. Briggs.....Skowhegan
Sec., Treas., Mgr. & Pur. Agt.
H. L. Swett..... "
Elecl. Engr. L. D. Murphy... "
Energy purchased from Central Maine Power Co. at Augusta; 1 rot. conv. West. 300 kw; trans. volt. 33,000 v; trolley volt. 600 v.
Owns Lakewood Park.
12.68 miles; 4-8½ g; 11 cars. 50

THOMASTON, 2,205.

(See No. 383.)

WATERVILLE, 12,702 (1916).

386 — Waterville, Fairfield & Oakland Ry.—Office, 99 Main St., Waterville. (Controlled by Central Maine Pwr. Co.) (Connects Waterville, Fairfield and Oakland.)
Pres. Harvey D. Eaton.....Waterville
Sec. E. A. Ballantyne..... Augusta
Treas. W. S. Wyman..... "
Audr. John S. Everett..... "
Gen. Mgr. N. R. Longfellow..Waterville
Claim Agt. W. B. Getchell.... Augusta
Pur. Agt. Blaine Owen..... "
Ch. Engr. F. H. Mason.....Waterville
M. M., W. M. Powers.....Benton
Engr. M. of W. F. A. Wentworth. Fairfield
Energy purchased from Central Maine Pwr. Co.; trolley volt. 550 v.
Repair shops at Fairfield.
11 miles; 4-8½ g; 21 motor pass. and 3 other motor cars. ★70

WESTBROOK, 8,908.

(See No. 379.)

YORK, 2,802 (1916

(See No. 584a.)

MARYLAND.

ANNAPOLIS, 8,760.

(See also No. 391.)

387—The Maryland Elec. Rys. Co.—Office, Annapolis. (Connects Baltimore and Annapolis.) (Under management of Peck, Shannahan, Cherry, Inc.)
Pres. J. N. Shannahan.....Hampton, Va.
V. Pres. T. C. Cherry.....Syracuse, N. Y.
Sec. & Treas. Austin McLanahan
4 So. Calvert St., Baltimore
Audr. G. S. Storrs.....Annapolis
Gen. Mgr. C. D. Porter..... "
Supt. C. G. Britton.....Baltimore
Gen. Fgt. & Pass. Agt.
J. C. Clift..... "

Ch. Engr. J. W. Howard.....Annapolis
M. M., W. A. Ernst..... "
Engr. M. of W., A. Oaksmith.. "
Energy purchased from Consol. Gas, Elec. Lt. & Pwr. Co.; trans. volt. 13,200 v. a.c.; trolley volt. 1200 v. d.c. (catenary); 5 d. c. rot. conv. West. tot. 1600 kw.
Sub-station at Linthicum and Jones station; repair shops at Annapolis.
37.4 miles. (23.6 mi. 1st m. t., no. 2nd. m. t., 13.8 mi. sid.); also 1.7 miles track rights. Total miles operated 39.1; 4-8½ g; 12 pass. cars and 61 other cars; 1 elec. fgt. car and 2 elec. locos. Company does general lighting and power business. ★50

BALTIMORE. 589,621 (1916).

(See also Nos. 392 and 758a.)

388—Baltimore & Ohio R. R. Co.—Office, B. & O. Bldg., cor. Baltimore & Charles Sts. (Operates Baltimore Belt R. R., a steam road using elec. locos. to operate system inside of city.)
Pres. Daniel Willard..... .....Baltimore
Senior V. Pres. Geo. M. Shriver "
Operating V. Pres.
C. W. Galloway..... "
Traffic V. Pres. Archibald Fries "
Sec. C. W. Woolford..... "
Treas. E. M. Devereux..... "
Compt. J. J. Ekin..... "
Gen. Mgr. S. Ennes..... "
Supt. F. G. Hoskins ..... "
Pur. Agt. W. S. Gallaway..... "
Claim Agt. C. W. Egan..... "
Ch. Engr. H. A. Lane..... "
Elecl. Engr. J. H. Davis..... "
Signal Engr. F. P. Patenall.... "
Ch. Engr. M. of W.
Earl Stimson..... "
Energy purchased from the Consolidated Gas, Electric Lt. & Pwr. Co.; trans. volt. 13,200 v; trolley volt. 650 v.
1 sub-sta. cap. 5000 kw; 4 rot. conv.
Repair shops at Baileys St. and at Mt. Clare St., Baltimore.
7.96 miles (3.6 mi. 1st m. t., 3.6 mi. 2nd m. t.); (3rd rail); 4-8½ g; 9 elec. locos. ★60

388a—Idlewylde Ry. Co. — Office, 2 East Lexington St. (Operates from York Road to Idlewylde Park and connects with Towson & Catonsville Line of The United Rys. & Elec. Co. of Baltimore.)
Pres. & Gen. Mgr.
Harry E. Gilbert.....Baltimore
Sec. Frank S. Gilbert ..... "
Treas. John C. Paterson..... "
.98 miles; 5-4¼ g; service supplied through agreement by The United Rys. & Elec. Co. 59

389—Lorraine Elec. Ry. Co.—Office, 912 Union Trust Bldg. (Connects with branch of United Railways at Hillsdale and extends to Lorraine Cemetery.)
V. Pres. & Gen. Mgr.
F. P. Bennett.....Baltimore
Energy purchased from United Railways & Elec. Co.
1.5 miles; 5-4½ g; 3 cars. 70

390—United Railways & Elec. Co.—Office, 1005 Continental Bldg. (Owns all lines formerly operated by the Baltimore Cons. Ry. Co., Baltimore City Pass. Ry. Co., Baltimore & Northern Elec. Ry. Co. and controls and operates the Baltimore, Sparrows Point & Chesapeake Ry. and the Baltimore, Halethorpe & Elkridge Ry. Connects Ellicott City, Sparrows Point, Towson, Catonsville, Gardenville, Emory Grove and Halethorpe.)
Chm. of Bd., Thos. A. Cross...Baltimore
Pres. C. D. Emmons..... "
1st. V. Pres. & Gen. Atty.
J. Pembroke Thom..... "
2nd V. Pres. & Gen. Mgr.
H. B. Flowers..... "
Assts. to Pres. { L. H. Palmer..Baltimore
J. E. Cullen.. "
Sec. Wm. Early..... "
Treas. John T. Staub..... "
Audr. N. E. Stubbs..... "
Gen. Counsel, J. C. France.. "
Claim Agt. E. J. Paige..... "
Asst. Claim Agt. H. C. Wells. "
Pur. Agt. Wm. H. Staub .... "
Publicity Agt. & Librarian
W. Dwight Burrows..... "
Supts. { Transp. W. C. Ludwig "
Actg. Supt. Motor Pwr. Adrian Hughes, Jr. "
Roll Stk. & Shops, A. T. Clark "
Welfare, Jas. H. Ridgeley "
Cashier, A. J. Dietz..... "
Ch. Engr. W. W. Wysor..... "
Columbia Ave. opp. Carroll Pk. "
Traffic Mgr. J. A. Stoll ..... "
Supt. Schedules, J. E. Morris. "

PRATT ST. STA. EQUIP.—3 d. c. G. E. tot. 5400 kw; 3 a. c. Westg. G. E. tot 48,900 kw. 3 ph. 25 cys; 32,100 hp. e. McI & S; 47,500 hp. turb. G. E, Westg; a. c. trans. volt. 13,200 v; d. c. trans. and trolley volt. 575 v.

OWINGS MILLS STA. EQUIP.—6 d.c. Westg. tot. 1080 kw; 1625 hp. e. R. & S, B. & W, Am. Ball.
7 sub-stas. tot. cap. 50,875 kw; 38 rot. conv.
Power stas. at Pratt St., Owings Mills & Bay Shore; sub-stas. at Druid Hill Ave., Nunnery Lane, Eastern Ave.. Harford Road, Belvedere Ave., W., Lombard St. and Bear Creek; repair shops at Columbia Ave. opp. Carroll Park.
Owns Gwynn Oak Park, and Bay Shore Park and reaches Riverview Park (leased by M. J. Fitzsimmons).
418 miles; 5-4¼ g; 1899 cars. (Company sells energy.) ★50

391 — Washington, Baltimore & Annapolis Elec. R.R. Co.—Office, 108 North Liberty St. (Owns the Annapolis Public Utilities Co., which furnishes gas and electric lighting in Annapolis.) (Connects Washington, Baltimore and Annapolis.)
Pres. Geo. T. Bishop.....Baltimore
1st V. Pres. Frank H. Ginn, 1200 Williamson Bldg., Cleveland, O.
2nd V. Pres. & Gen. Mgr.
J. J. Doyle.....Baltimore
Sec. George Weems Williams.. "
Treas. Wm. M Garrett..... "
Audr. W. H. Wright..... "
Claim Agt. C. M. Lake..... "
Pur. Agt. D. Zerhusen..... "
Supt. of Transp. Carson Schumacher, Naval Academy Jct.
Elec. Engr. H. T. Connelly....Baltimore
M. M., A. S. Osbelt..Naval Academy Jct.
Engr. M. of W.
E. W. Weinland.... " "
Energy purchased from Potomac Elec. Pwr. Co.; trans. volt. 33,000 v; trolley volt. 1200 v.
Repair shops at Naval Academy Junction.
98.91 miles; 4-8½ g; 58 motor pass., 56 trail pass. 14 other motor and 23 other cars. 50

BEL-AIR. 1,005.

(See also No. 397.)

392—The Baltimore & Bel-Air Elec. Ry. Co.—Office, Bel-Air. (Company has traffic agreement with United Railways & Electric Co. to enter Baltimore with both passengers and freight when road is completed.) (Connects Hamilton, Parkville and Carney.) (Will extend system to Gunpowder Park, 3 mi, in Spring, 1920.)
Pres. S. A. Williams.....Bel-Air
Sec. & Treas. H. S. O'Neill..... "
Gen. Mgr. J. Alexis Shriver ..... "

Power and cars rented from United Railways & Electric Co. of Baltimore.
Owns Gunpowder River Park.
9.5 miles operated; 12.5 mi. projected; 8-4½ g; 2 cars. 109

CUMBERLAND. 30,000 (1920.)

393—Cumberland Elec. Ry. Co.—Office, N. Centre St. (Connects with the Cumberland & Westernport Elec. Ry. at Narrow Park, 2¾ miles west of Cumberland).
Pres. G. L. Wellington.....Cumberland
V. Pres. James A. McHenry "
Sec. & Treas. C. G. Holzshu "
Supt. & Pur. Agt.
W. M. Roberts, Jr..... "
Ch. Elecn. John Hamilton.. "
Energy purchased from Edison Elec. Illg. Co.
Reaches and controls Narrows Park.
8.5 miles: 4-8½ g; 17 motor pass. and 4 service cars. ★50

394—Cumberland & Westernport Elec. Ry. Co.—Office, Frostburg. (Connects Cumberland, Eckhart, Frostburg, Shaft, Carlos Junction, Ocean, Midland, Gilmore, Lonaconing, Pekin, Moscow, Barton, Franklin and Westernport.) (Controlled by the Cities Service Co.)
Pres. Henry L. Doherty..New York, N. Y.
V. Prests. { Frank W. Frueauff, New York, N.Y.
& Gen. Mgr. D. D. Price, Frostburg
Sec., Treas. & Pur. Agt.
H. N. Beckett..... "
Supt. Adam Orr..... "
M. M., Joe Storey..... "
Power sta. equip.: 5 d. c. G. E. West. tot. 1250 kw; 1750 hp. e. Clark Bros. Rus; 1475 hp. b. Keeler, Erie City; 900 k.w. stm. turb. Westg.
Power stas. at Clarysville and Reynolds; repair shops at Clarysville.
Reaches Reynolds Park (owned.)
25 miles; 4-8½ g; 14 motor pass. and 3 other cars. ★70

FREDERICK. 12,000 (1916).

395—The Hagerstown & Frederick Ry. Co.—Office, cor. Patrick & Carroll Sts. (Controls Potomac Lt. & Pwr. Co., Martinsburg, W. Va. and Waynesboro, Pa. Elec. Co.; controls and operates Chambersburg, Greencastle & Waynesboro St. Ry. Co., Wayesboro, Pa.; operates Northern Virginia Pwr. Co.) Connects Frederick, Thurmont, Middletown, Jefferson, Boonsboro, Hagerstown and Williamsport, Md., and Shadygrove, Pa.)
Pres. Emory L. Coblentz.....Frederick
V. Pres. { Henry Holzapfel, Jr. Hagerstown
F. Howard Warfield..Baltimore
Sec. M. P. Moller.....Hagerstown
Treas. T. H. Haller.....Frederick
Asst. Treas. Alex. Armstrong.. "
Audr. R. E. Town..... "
Gen. Mgr. M. A. Pooler.....Hagerstown
Supt. R. Paul Smith.....Frederick
Claim Agt. Park Loy..... "
Gen. Fgt. & Pass. Agt.
C. C. Waters..... "
Pur. Agt. R. V. Mitchell..... "
Elec. Engrs., G. T. Twyford..Hagerstown
Signal Engr.
V. St. C. Montieth..... "
Constr. Consumers,
C. H. Leatham..... "
Power sta. equip. 3 a. c. G. E. & West. tot. 10,250 kw. 2300 v. 3 ph. 60 cys: 3750 hp. b. Bab. & W; 10,250 kw. stm. turb. West., G. E; trans. volt. 33,000 v; trolley volt. 650 v. Energy also purchased from subsidiary companies.
6 sub-stas. tot. cap. 2400 kw; 8 rot. conv.
Power sta. at Security; repair shops at Frederick.
Reaches and owns Braddock Heights Park.
91.5 miles; 4-8½ g; 40 motor pass., 3 trail pass., 2 fgt. motor, 48 fgt. without motors and 6 service cars; 3 elec. locos. (Co. does general lighting and power business.) ★50

FROSTBURG. 6,028.
(See No. 394.)

HAGERSTOWN. 25,679 (1916).
(See No. 395.)

KENSINGTON. 689.

396—Kensington Ry. Co.—Office, Overhead Bridge, W. Kensington. (Operates Sandy Spring Ry. Co.'s track (1.5 miles). Extends from north terminal of Capital Traction Co.'s System in Washington and beyond Kensington, Md.)
Pres. Chas F. Brooke.....Sandy Spring
V. Pres. Allan Farquhar.... "
Sec., Treas., Gen. Mgr. & Pur. Agt.
R. H. Phillips.....Kensington
Audr.
J. A. P. Farnham....Washington, D. C.
Supt. Herbert Clande.....Chevy Chase
Elec. Engr. & M. M.
Fayette Johnson..... "
Trolley volt. 600 v.
Repair shops at Chevy Chase Lake.
3.5 miles (standard track on private right of way); 4-8½ g; 3 motor and 2 other cars. 69

TOWSON. 3,500. (1916).
(See also No. 390.)

397—Towson & Cockeysville Electric Ry. Co.—Office, Bel Air. (Connects Towson, Lutherville, Timonium.) (Will also connect Texas and Cockeysville.)
Pres. C. C. Fawcett
care of Robt. Garrett & Sons, Baltimore
V. Pres. Henry F. Baker " "
Gen. Mgr. J. Alexis Shriver.....Bel Air
Reaches Maryland State Fair at Timonium.
3.25 miles; Edison storage battery cars. 109

MASSACHUSETTS.

AMESBURY. 9,894.
(See No. 427.)

AMHERST. 5,558.
(See No. 429.)

ATHOL. 9,783.

398—Northern Massachusetts St. Ry. Co.—Gen. office, Greenfield. (Formerly the Athol & Orange St. Ry. Co., which purchased the Templeton St. Ry. Co., and with which the Gardner, Westminster & Fitchburg St. Ry. Co. was merged.) (Controlled by Massachusetts Consolidated Rys.) (Connects Athol, Orange, Templeton, Baldwinville, Winchendon, Gardner, Westminster and Fitchburg.)
Pres. Chas. W. Hazelton..Montague City
V. Pres. & Gen. Mgr.
D. P. Abercrombie.....Greenfield
Clerk & Treas. F. A. Persons.. "
Audr. John E. Donovan..... "
Gen. Supt. J. A. Taggart..... "
Asst. Supt.
F. E. Marsh.....East Templeton
Claim Atty. Wm. S. Clark....Greenfield
Gen. Fgt. & Exp. Agt.
Leon Bolster..... "

Ch. Engr. & Supt. of Way, C. W. Clapp.....Greenfield
M. M., Chas. Chase.....Orange
Energy purchased from Athol Gas & Elec. Co.
Repair shops at East Templeton.
Reaches Brookside Park (owned), Lake Dennison and Wachusett Park.
44.9 miles; 4-8½ g; 13 cars. 50

ATTLEBORO. 18,480.
(See also No. 448.)

399—Attleboro Branch R.R. Co.—Office, Massachusetts Mutual Bldg., Springfield. (Connects Attleboro and North Attleboro.)
Pres. Clark V. Wood.....Springfield
Spec. Asst. to Pres. Howard Whitney..... "
V. Pres. Francis H. Dewey....Worcester
Clerk, F. P. McIntyre.....Springfield
Treas. Leverett Candee..... "
Audr. J. W. Jamieson..... "
Gen. Mgr. Henry C. Page.....Worcester
Fgt. & Pass. Agt. R. E. Cosgrove, Springfield
Pur. Agt. J. F. McCabe..... "
Elec. Engr. W. L. Harwood.. "
Energy purchased from The Rhode Island Co.
5.14 miles (3.72 mi. 1st m. t. 1.42 mi. sid.); 4-8½ g; 1 elec. loco. ★60

399a—Interstate Consolidated St. Ry. Co.—Office, Massachusetts Mutual Bldg., Springfield. (Consolidation of Attleboro, N. Attleboro & Wrentham St. Ry. and Interstate St. Ry. of Providence, R. I.) (Operates in Attleboro, North Attleboro, Plainville and Seekonk.
Pres. Clark V. Wood.....Springfield
Spec. Asst. to Pres. Howard Whitney..... "
V. Pres. Francis H. Dewey....Worcester
Clerk, F. P. McIntyre.....Springfield
Treas. Leverett Candee..... "
Audr. J. W. Jamieson..... "
Gen. Mgr. Henry C. Page.....Worcester
Supt. F. S. Hunnewell.....Attleboro
Pur. Agt. J. F. McCabe..... "
Fgt. & Pass. Agt. R. E. Cosgrove "
Elec. Engr. W. L. Harwood.. "
Energy purchased from The Rhode Island Co.; trolley volt. 600 v.
25.97 miles (22.44 mi. 1st m. t., 1.66 mi. 2nd m. t., 1.87 mi. sid.) 4-8½ g; cars leased from The Rhode Island Co. ★60

AYER. 2,797.

400—The Lowell & Fitchburg St. Ry. Co.—Office, Ayer. (Controls Westford Branch line.) (Connects Lowell City lines, Forge Village, Graniteville, and the Fitchburg system at Ayer.)
Pres. W. W. Sargent.....Fitchburg
Treas. R. N. Wallis..... "
Gen. Supt. & Pur. Agt. Louis H. Cushing.....Ayer
M. M., A. Caron..... "
Roadmaster, John Devaney..... "
Energy purchased from Lowell Elec. Lt. Corpn., Lowell, Mass.; trans. volt. 13,000 v; trolley volt. 600 v.; repair shop at Ayer.
18 miles: 4-8½ g; 8 pass., 1 flat and 6 dump cars; 1 plow. 70

BEVERLY. 23,959.
(See No. 401.)

BOSTON. 725,825 (1915).
(See also Nos. 105, 109, 452, 469, 582, 853, 890 and 1051.)

401—Eastern Massachusetts Street Railway Co. (Bay State System.) (Formerly the Bay State St. Ry. Co.)—Offices, 1 Beacon St., Boston. (Controlled by five Public Trustees appointed by the Governor of the State of Massachusetts.) (Leases Boston & Chelsea R. R. Co., Boston & Revere Elec. St. Ry. Co., East Middlesex St. Ry. Co., and the Winnisimmet R. R. Co.) (Operates in the following cities: Beverly, Boston, Brockton, Chelsea, Everett, Fall River, Gloucester, Haverhill, Lawrence, Lowell, Lynn, Malden, Medford, Melrose, Newburyport, Quincy, Revere, Taunton, Salem, Woburn, and the towns of Abington, Andover, Arlington, Avon, Billerica, Braintree, Bridgewater, Burlington, Chelmsford, Danvers, Dedham, Dighton, Dracut, Easton, East Bridgewater, Essex, Georgetown, Groveland, Hamilton, Hanover, Hingham, Holbrook, Hull, Marblehead, Methuen, Middleton, Milton, Needham, Norwell, North Andover, North Reading, Norwood, Peabody, Randolph, Raynham, Rehoboth, Reading, Rockport, Rockland, Saugus, Seekonk, Somerset, Stoughton, Stoneham, Swampscott, Tewksbury, Tyngeboro, Wakefield, Walpole, Wenham, West Bridgewater, West Newbury, Westwood, Weymouth, Whitman, Wilmington and Winchester.)

Public Trustees: Chrmn., Homer Loring; Arthur Wadleigh; Fred. J. Crowley; Isaac Sprague; Earle P. Charlton

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Mgr. Fgt. Dept. P. P. Crafts..... "
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For equipment of pwr. stns. see reports under Chelsea, Haverhill, Hyde Park, Lawrence, Lowell, Lynn, Quincy, Salem and Woburn.

Main repair shops at Campello, Chelsea, Fall River and Lowell; car houses at Abington, Braintree, Brockton, Chelsea, Danvers, Fall River, Gloucester, Haverhill, Hyde Park, Lawrence, Lowell, Lynn, Marblehead, Melrose, Milton, Quincy, Reading, Revere, Salem, Somerset, Swampscott, Taunton, Wenham, Westwood, Weymouth and Woburn.

Total mileage 736 mi. (owned and operated); 4-8½ g; 1253 active closed and open pass. 44 elec. fgt. and 152 service cars; 218 elec. snow plows. ★50

402—Boston Elevated Ry. Co.—Office, 108 Mass. Ave. (Leases West End St. Ry. Co.) (This company operates cars in Boston, Arlington, Belmont, Brookline, Cambridge, Chelsea, Everett, Malden, Medford, Newton, Somerville and Watertown.)

Board of Trustees: Chmn. J. F. Jackson, Boston; Winthrop Coffin "; Sec. Stanley R. Miller "; Samuel L. Powers "; John F. Stevens "

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Attorney, C. B. Gleason..... "
Claim Attys. J. J. Reynolds..... "
Claim Attys. M. P. Spillane..... "
Real Est. Agt. D. L. Prendergast.. "
Pur. Agt. Edward Mahler..... "
Rec'g Cashier, L. J. Dickey..... "
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- No. 1. Chas. J. Leonard.....Roxbury
- No. 2. E. A. Kelley.....Forest Hills
- No. 3. J. H. Harrington, Bennett St., Cambridge
- No. 4. Arthur W. Senter Sullivan Sq., Charlestown

Supts.
- Car Shops, H. G. Noble Bartlett St., Roxbury
- Insp. Clarence E. Learned, ..Boston
- Maint. H. M. Steward.... "
- Pwr. F. S. Freeman 439 Albany St., "
- Pwr. Distrbn., Wm. Masters, 439 Albany St., "
- Rap. Trans. Lines, H. A. Pasho, Charlestown
- Transp. James Smith.... "
- Asst Transp., J.A.Smith. "
- Wires, J. P. Boyden, 536 Harrison Ave. "

Supvrs.
- Empl. Alfred J. Guyon, Dudley St. Term., Roxbury
- Instr. F. R. Morgan, Bartlett St. "
- Time Table, Timothy Connell.....Boston

Engrs.
- Ch., C. T. Fernald..... "
- Elec., J. Walter Allen, 439 Albany St.... "
- Maint., James Dickie... "
- Signal, (R. T. lines) W. C. Smith.....Charlestown

Ch. Engrs. Pwr. Stas.
- Ch. Opr. Engr., J. J. Donohue.....Boston
- Central, R. S. B. O'Brien, 439 Albany St., Boston
- Charlestown, R. H. Dixon..... "
- Harvard, O. A. Jackson, .Cambridge
- Lincoln, M. W. Eastman...Boston
- South Boston —— ——

Gen. Frmn. Rap. Trans. Lines & Shops, Clark Doty.....Charlestown
Gen. Storekeeper, A. A. Ordway..Boston

Road masters
- Surface Lines, J. M. Ryan..... "
- Rap. Trans. Lines H. L. Butler, Sullivan Sq., Charlestown

CENTRAL STA.
Ch. Engr.
R.S.B. O'Brien, 439 Albany St., Boston.
9 d. c. G. E. Walker, tot. 12,900 kw; 17,800 hp. e. Internatl, Allis-C; 11,868 hp. b. Bab. & W., Stir.

LINCOLN STA.
Ch. Engr. M. W. Eastman.....Boston
4 d. c. G. E., Westg., Allis-C. tot. 10,800 kw; 1 a. c. Westg. 25,000 kw. 13,200 v. 3 ph. 25 cys. 16,800 hp. e. R. & S., Tod; 10,160 hp. b. Bab. & W., 38,512 hp. stm. turb. Westg.

CHARLESTOWN STA.
Ch. Engr. Ralph H. Dixon.....Boston
4d. c. G. E., Westg. tot. 7000 kw; 10,400 hp. e. West., McI. & S., Allis-C; 5,900 hp. b. Bab. & W., A. & T.

HARVARD STA.
Ch. Engr. A. O. Jackson, Cambridge.
4 d.c. G. E. tot. 6800 kw; 9600 hp.e. McI. & S., Allis-C; 5400 hp. b. Bab. & W.

SOUTH BOSTON POWER STA.
4 a. c. G. E. tot 80,000 kw. 6600-13,200 v. 3 ph. 25 cys; 106,667 hp. stm. turb. G. E., Curtis; 9600 hp. b. Bab. & W.

DORCHESTER POWER STA.
2 d. c. & 1 a.c. G.E. tot. 5500 kw; 7500 hp. e. R.&S, G. E; 3808 hp. b. Bab. & W, Stir.

Power stas. at Boston, Charlestown, Cambridge, So. Boston, Dorchester; sub-stas. at Dorchester, West Roxbury, Brookline, Cambridge, East Boston, Arlington, Somerville, Malden, Roslindale, Brighton Boston, Roxbury and Charlestown.

Repair shops at 439 Albany St., Boston, Charlestown and Roxbury.

Total miles, 535,326; surface, 491,951; rapid transit 43,375, (includes 26.243 miles of subway and tunnel tracks, of which 12.198 are used by surface and 13.691 by rapid transit cars, includes mileage in 12 municipalities besides Boston); 4-8½ g; 2,623 surface pass., 423 rapid transit pass. 1 newspaper, surface work and 24 rapid transit work cars; 218 snow plows and 11 sweepers; 2 elec. locos. (rapid transit.)
★50

403—Boston & Maine R. R.—Office, North Station, Boston. (This steam railroad corporation owns and operates two electric street railway branches, the Portsmouth (N. H.) Elec. Ry. with 19.08 miles of track, and the Concord (N. H.) Elec. Rys. with 33.56 miles of track. Boston & Maine trains are operated by electricity through the Hoosac Tunnel, about 22 miles, single track, having been electrified, 9½ of which are within the portals of the tunnel, the remainder covering approaches and yards.)
Pres. J. H. Hustis.....Boston
Clerk A. B. Nichols..... "
Treas. H. R. Wheeler..... "
Compt. W. S. Trowbridge..... "
★50

404—Boston & Worcester St. Ry. Co.—Office. Framingham. (Controlled by the Boston & Worcester Elec. Cos.) (Connects Boston, Brookline, Newton, Wellesley, Natick, Framingham, Southboro, Westboro, Northboro, Shrewsbury, Marlboro, Hudson and Worcester.)
Pres. William M. Butler 77 Franklin St., Boston
V. Pres., Arthur E. Childs 77 Franklin St., Boston
Clerk, James F. Bacon " " "
Treas., A. W. Clapp.....Framingham
Gen. Mgr., Arthur E. Stone "
Supt. Transp., G. H. McFee "
Claim Agt., J. J. Hourin... "
Gen. Fgt. Agt. F. C. Lewis.....Worcester
Ch. Engr. Pwr. Sta.
C. B. Smith.....Framingham
M. M., John C. Horgan..... "
Engr. M. of W., L. J. Miller "
Engr. Ovhd. Constr., H. F. Sears..... "
Power sta. equip. 3 a. c. G. E. tot. 3500 kva. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Prov; 2800 hp. b. A. & T; 2000 kw. turb. (stm.) G. E; trans. volt. 13,200 v; trolley volt. 600 v.
4 sub-stas. tot. cap. 3800 kw; 11 rot. conv.
Power sta. at Framingham; repair shops at Framingham Centre.
Reaches Lincoln Park, Worcester.
83.15 miles; 4-8½ g; 74 motor pass., 14 fgt. motor, 6 fgt. and 4 other cars. 50

405—Boston & Worcester Elec. Cos.—(Controls through stock ownership the Boston & Worcester St. Ry. Co.)
Pres. Wm. M. Butler, 77 Franklin St., Boston
V. Pres. A. E. Childs. " " "
Sec. James F. Bacon " " "
Treas. Arthur E. Stone.....Framingham
★50

408 — Public Service Investment Co.—(Organized with authority, among other things, to hold and deal in stocks, bonds and other securities. Owns securities in twelve companies, eleven of which are under management of Stone & Webster.)

Directors
Henry G. Bradlee.....Boston
Chas A. Stone..... "
Russell Robb..... "
Edwin S. Webster.... "
Edmund J. B. Huntoon "
★50

409—Railway & Light Securities Co.—(Organized for the purpose of holding, for income or for sale, the securities of transportation, illuminating, power and other public service corporations. Under charter, it may issue its own Collateral Trust Bonds, secured by bonds of other companies, as collateral; owns bonds and stocks of forty-three independent companies, twenty of which are under management of Stone & Webster.)

Directors
Henry G. Bradlee.....Boston
Stedman Buttrick..... "
Chas. A. Stone..... "
T. T. Whitney, Jr.... "
Edwin S. Webster..... "
Robt. F. Herrick..... "
Thos. N. Perkins..... "
Robt. T. Paine, 2d.... "
Russell Robb..... "
Jas. J. Storrow..... "
Edmund J. B. Huntoon "
★50

410—Stone & Webster, Inc.—General office, 147 Milk St., Boston. (The following companies are managed: Baton Rouge Elec. Co., Blackstone Valley Gas and Elec. Co., Cape Breton Elec. Co., Ltd., Carson City Coal Gas Co., Central Mississippi Valley Elec. Properties, Chatham County Pwr. Co., Columbus Elec. Co., The Columbus (Ga.) Pwr. Co., Columbus (Ga.) R. R. Co., The Connecticut Pwr. Co., Dallas City (Ill.) Lt. Co., Duval County Pwr. Co., Eastern Texas Elec. Co., Edison Electric Illg. Co of Brockton, The Elec. Lt. and Pwr. Co. of Abington and Rockland, El Paso Elec. Co., El Paso Elec. Ry. Co., El Paso and Jaurey Pwr. Co., Fall River Gas Wks. Co., Ft. Madison (Ia.) Elec. Co., Galveston Elec. Co., Galveston-Houston Elec. Co., Galveston-Houston Elec. Ry. Co., Gas Lt. Co. of Columbus (Ga.) Haverhill Gas Lt. Co., Houghton County Elec. Lt. Co., Houghton County Trac. Co., Houston Elec. Co., Jacksonville Trac. Co., Keokuk Elec. Co., The Key West Elec. Co., The Lowell Elec. Lt. Corpn., The Millerton Elec. Lt. Co., Mississippi River Pwr. Co., Northern Texas Elec. Co., Northern Texas Trac. Co., Pacific Northwest Trac. Co., Pacific Pwr. Co., Paducah Elec. Co., The, Pawtucket Gas Co. of N. J., The Pawtucket Gas Co. (R. I.), Pensacola Elec. Co., Ponce Elec. Co., Public Service Investment Co., Puget Sound Elec. Ry. Puget Sound International Ry. & Pwr. Co., Puget Sound Pwr. and Lt. Co., Ry. and Lt. Securities Co., Reno Pwr. Lt. and Wtr. Co., Rio Grande Valley Pwr. Co., Savannah Elec. Co., Savannah Pwr. Co., Sierra Pacific Elec. Co., Sydney and Glace Bay Ry. Co., Ltd., Tacoma Ry. and Pwr. Co.. Tampa Elec. Co., Tarrant County Trac. Co. and The Truckee River Gen. Elec. Co. ★50

411a—Charles H. Tenney & Co., (Managers, Accountants, Engineers and Purchasing Agents)—Office, 201 Devonshire St., Boston. (Represents following companies: Malden Electric Co., Malden & Melrose Gas Lt. Co., Salem Elec. Ltg. Co., Haverhill Elec. Co., Fitchburg Gas & Elec. Lt. Co., Suburban Gas & Elec. Co. (Revere and Winthrop), Springfield Gas Lt. Co., Springfield Navigation Co., Teneco Sales Corp., American Tar Co., Boston Electrolytic Oxygen Co., North Boston Ltg. Properties, Eastern Massachusetts Elec. Co. and Worcester Gas Lt. Co., Massachusetts; Exeter & Hampton Elec. Co. Exeter, Hampton & Amesbury St. Ry., Exeter Ry. & Ltg. Co. and Concord Elec. Co., New Hampshire; The Barre & Montpelier Trac. & Pwr. Co. and Montpelier & Barre Lt. & Pwr. Co. Vermont; People's Gas & Elec. Co. of Oswego and Rockland Lt. & Pwr. Co. (Nyack), New York; Rockland Electric Co., New Jersey and The Bristol & Plainville Tramway Co., Connecticut.

Chmn. of Bd.
Charles H. Tenney.....Springfield
Pres. Palmer York..... .....Boston
V. Pres. (in charge of Purchasing)
F. P. Mooney..... "
V. Pres. (in charge of Engineering)
F. C. Sargent..... "
Sec. H. P. Wood..... "
Treas. E. A. Bradley..... "
Asst. Treas. R. C. Tenney..... "
Audr. I. S. Hall..... "
Clerk, Allen Hollis,
25 Capitol St., Concord, N. H.
Engrg. Mgr. C. R. Hayes.....Boston
★50

BRAINTREE. 9,343

(See No. 401.)

BROCKTON. 62,288.

(See also No. 451.)

412 — Eastern Massachusetts St. Ry. Co. For executive officers, see Boston.

Local Mgr., P. F. Sheehan.....Brockton
Sub-sta. equip. 4 a. c. rot. G. E. tot. 3750 kw. 3 ph. 25 cys; trans. volt. 13,200 v; trolley volt. 600 v. 50

BROOKLINE. 33,490 (1915).

(See No. 402.)

CAMBRIDGE. 108 822 (1915)

(See No. 402.)

CANTON. 5,623.

(See also No. 455a.)

415—The Blue Hill St. Ry. Co.—Operation discontinued: road will probably be junked. Office, 87 Washington St., Canton. (Operated from Mattapan through Canton to Stoughton; at Mattapan connected with the Boston Elevated Ry, and at Stoughton connected with the Norfolk & Bristol and Eastern Massachusetts Street Railway Co. for the Southern Massachusetts District.)

Receiver, George Spaulding.....Canton
Power sta., cap. 487 kw; energy also purchased from Eastern Massachusetts Street Railway Co.
Power sta. and repair shops at Canton. Reached Houghton's Pond.
19.7 miles; 4-8½ g: 21 motor pass., 1 other motor and 5 other cars. ★50

CHELSEA. 43,426.

418 — Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.

Local Mgr., J. O. Ellis.....Chelsea
Power sta. equip. 7 d. c. G. E. tot. 3950 kw; 5300 hp. e. Cpr. Cor., W.-C., T. C., H.-C.; 3462 hp. b. Bab. & W; trolley volt. 600 v. ★50

CHICOPEE. 30,188

(See No. 457.)

CLINTON. 13,192.

(See No. 471.)

COLERAIN. 1829.

(See No. 456.)

CONWAY. 1,230.

419—Conway Elec. St. Ry. Co.—Office, Canton. (Connects Conway with Deerfield and Conway Village with Conway station on N. Y., N. H. & H. R. R. and South River Station on B. & M. R. R.)
Pres F. W. Conant.....Conway
V. Pres. Arthur P. Delabarre..... "
Treas. & Clerk
Chas. F. De Wolfe..... "
Audr. E. T. Cook..... "
Power sta. equip: 1 d. c. West. 200 kw; 100 hp. e. A & S; 150 hp. b. Big: 300 hp. turb. (wtr.) J. & W. Jolly; trolley volt. 600 v.
Power sta. and repair shops at Conway.
6.6 miles; 4-8½ g; 5 motor pass. and 17 other cars, 1 snow plow. ★50

DANVERS. 11,177 (1915).

(See No. 401.)

DRACUT. 4,022.

(See Nos. 401 and 427.)

EAST HAMPTON. 9,845.

(See No. 446.)

EVERETT. 37,718 (1915).

(See No. 402.)

FALL RIVER. 124,791.

(See Nos. 401 and 442.)

420b—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr., A. Jay Boardman, Fall River
Sub-sta. equip. rot. conv. G. E. tot. 3000 kw. 3 ph. 25 cys; trans. volt. 13 200 v; trolley volt. 600 v. 50

FITCHBURG. 39,656 (1915).

(See also Nos. 398 and 471.)

421—Fitchburg & Leominster St. Ry. Co.—Office, 280 Main St. (Connects Fitchburg, Leominster, Lunenburg, Shirley, Ayer, Lowell and Worcester.)
Pres. & Gen. Mgr. W. W. Sargent, Fitchburg
V. Pres. H. I. Wallace..... "
Treas. R. N. Wallis..... "
Roadmaster, C. N. Glynn..... "
Power sta. equip. 6 d. c. tot. 1675 kw; 1 a. c. 60 kw. 2400 v. 2 ph. 133 cys; 1990 hp. b. Dillon; 90 hp. turb. (wtr.); trolley volt. 600 v.
Reaches and controls Whalom Park.
41.68 miles; 4-8½ g; 60 cars. ★50

FOXBORO. 3,863.

422—Norfolk & Bristol St. Ry. Co.—Office, Foxboro. (Connects Norwood, Walpole, Foxboro, Mansfield and Wrentham.)
Pres. L. A. Ford.....Boston
Treas. R. Townsend..... "
Audr. Geo. S. Davis..49 Federal St., "
Gen. Mgr. M. A. Cavanaugh,
162 Harrishof St., Roxbury
Claim Agt.
Jas. T. Connolly....94 Milk St., Boston
Supt. & Pur. Agt. F. M. Perry...Foxboro
Ch. Engr. Pwr. Sta.
E. E. King.....South Walpole
M. M., Wm. J. Sheehan..... "
Engr. M. of W., Wm. Cady... "
Engr. Ovhd. Constr.
E. L. Barrows..... "
Power sta. equip. 3 d.c. Westg. tot. 825 kw; 1100 hp. e. Slater; 850 hp. b. Stir.: trolley volt. 575 v.
Power sta. and repair shops at South Walpole.
Reaches Lake View Park.
21.739 miles; 4-8½ g; 22 motor cars and 1 other car; 3 plows. 109

FRAMINGHAM. 15,860 (1915).

(See Nos. 404 and 439.)

FRANKLIN. 6,440.

(See No. 467.)

GARDNER. 16,376 (1915).

(See No. 398.)

GLOUCESTER. 24,398

423—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. J. A. Phelan.....Gloucester
Power sta. equip. 3 d. c. G. E., Westg. tot. 1500 kw; 2300 hp e. Penn, Ham-Harris; 1272 hp. b. B. & W; trolley volt. 600 v. ★50

GREENFIELD. 12,618 (1915).

(See also No. 437)

424—Connecticut Valley St. Ry. Co.—Office, Greenfield. (Controlled by Massachusetts Consolidated Rys.) (Connects Greenfield, Deerfield, Whately, Hatfield, Turners Falls, Montague City, Hadley, Amherst and Northampton.)
Pres. Chas. W. Hazelton..Montague City
V. Pres. & Gen. Mgr.
D. P. Abercrombie, Jr.....Greenfield
Sec. & Treas. F. A. Persons... "
Audr. J. E. Donovan..... "
Gen. Supt. John A. Taggart.... "
Asst. Supt. E. W. Whalen..Northampton
Claim Agt. Wm. S. Clark.....Greenfield
Gen. Frt. & Pass. Agt.
Leon Bolster..... "
Ch. Engr. & Supt. of Way,
Chas. W. Clapp..... "
M. M., Frank Lape..... "
Energy purchased from the Greenfield Elec. Lt. & Pwr. Co; trolley volt. 600 v.
Repair shops at Greenfield.
47 miles: 4-8½ g; 42 motor and 3 work cars; 4 snow plows; 3 auto pass. buses. ★50

425—Massachusetts Consolidated Rys.—Office, Greenfield. (Controls through stock ownership the Connecticut Valley St. Ry., the Northern Massachusetts St. Ry. Co. and the Concord, Maynard & Hudson St. Ry. Co.)
Trustees { C. D. Parker.....Boston
R. L. Warner..... "
R. M. Saltonstall..... "
J. W. Stevens.....Greenfield
F. E. Pierce..... "
C. W. Hazelton..Turners Falls
F. H. Payne.....Greenfield
R. F. Tucker.....Boston
Bowen Tufts..... "
E. C. Crosby, Brattleboro, Vt.
Treas. & Clerk,
D. P. Abercrombie,
Greenfield
★50

HADLEY, 2,666.

(See No. 424.)

HAVERHILL. 49,450 (1915).

426—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. G. S. Chase.....Haverhill
Power sta. equip. 3 d. c. G. E. tot. 2200 kw; 2800 hp. e. Cpr., Cor., Green C. C; 1225 hp. b. Bab. & W; trolley volt. 600 v. ★50

427—Massachusetts Northeastern St. Ry. Co.—Office, 50 Merrimack St., Haverhil (Controlled by the New Hampshire Elec. Rys.) (Formed by merger of the following street railway cos.: Amesbury & Hampton St. Ry. Co., Citizens' Elec. St. Ry. Co., Haverhill & Amesbury St. Ry. Co., Haverhill & Plaistow St. Ry. Co., Haverhill & Southern New Hampshire St. Ry. Co., Lawrence & Methuen St. Ry. Co. and the Lowell & Pelham St. Ry. Co., in Massachusetts, Haverhill, Plaistow & Newton St. Ry. Co., Hudson, Pelham & Salem St. Ry. Co., and Seabrook & Hampton Beach St. Ry. Co. in New Hampshire.) (Operates in and connects Amesbury, Dracut, Haverhill, Lawrence, Lowell, Merrimac, Methuen, Newbury, Newburyport, Parker River (Old Town), Plum Island, Salisbury and Salisbury Beach, Mass., and Hampton Beach, Hudson, Hudson Centre, Nashua, Newton, Pelham, Plaistow, Salem, Seabrook and Seabrook Beach, N. H.)
Pres. David A. Belden..... Haverhill
V. Pres. & Gen. Mgr.
Ralph D. Hood..... "
V. Pres. & Treas. Fred'k E. Webster "
Supts. { Western Div. John H. Matthews, Salem N.H.
Eastern Div. George H. Leighton, Amesbury
Supt. Lines & Bonding
W. S. Mellon..... "
Cashier & Paymaster
Guy H. La Suer..... "
Pur. Agt. Clifton L. Bartlett..... "
Claim Agt. Harry B. Whitehouse. "
Gen. Pass. Agt. George R. French "
Elec. & Signal Engr. W. S. Mellon.. "
M. M., Harry A. Osgood, Salem Depot, N.H.
Energy from Rockingham County Lt. & Pwr. Co., Portsmouth, N. H; trans. volt. 13,200 v; trolley volt. 600 v.
7 sub-stas. tot. cap. 4450 kw.
Repair shops at Salem Depot, N. H.
Reaches Canobie Lake and Hampton, Salisbury and Plum Island Beaches.
127.598 miles; 4-8½ gage. 140 mo. pass., 8 frt. mo. and 17 other cars; 17 plows. ★50

428—New Hampshire Electric Railways—Office, 50 Merrimack St. (Holds securities of and controls Massachusetts Northeastern St. Ry. Co., Dover, Somersworth & Rochester St. Ry. Co., Rockingham County Lt. & Pwr. Co., and Granite State Land Co.)
Pres. D. A. Belden.....Haverhill
V. Pres. M. N. Buckner.....Boston
Sec. & Treas. F. J. Horne..... "
★60

HOLYOKE. 60,816 (1915).

429—Holyoke St. Ry. Co.—Cor. North Bridge and Canal Streets (Connects Holyoke, Springfield, Northampton, South Hadley, South Hadley Falls, Chicopee, Chicopee Falls, Westfield, Amherst and Sunderland. Through cars run to Springfield over lines of Springfield St. Ry. Co., and to Northampton and Florence over the Northampton St. Ry. Co's lines.) (Leases Mt. Tom R. R. Co., which owns an electric incline railway extending from Mountain Park, near Holyoke to top of Mount Tom.)
Pres., Gen. Mgr. & Pur. Agt.
Louis D. Pellissier..... ....Holyoke
V. Pres. C. E. Mackintosh..... "
Sec., Treas & Claim Agent
Sherrie D. Nevin.....Holyoke
Audr. G. F. Dinneen..... "
Asst. Gen. Mgr. & Ch. Engr.
Geo. E. Pellissier..... "
Supt. Geo. H. Hunter..... "
Ch. Engr. Pwr. Sta.
C. L. Sheldon..Berkshire St... "
Roadmaster, Thos. Smith..... "
Engr. Ovhd. Constr.
Geo. Chapin..... "
Power sta. equip. 4 d. c. G. E. tot. 3800 kw; 4900 hp. e. Penn; 2600 hp. b. Bab. & W; trolley volt. 575 v. Energy also purchased from Turners Falls Pwr. Co. (800 kw)
Power sta. at Berkshire St.; repair shops at Canal St.
Reaches Mountain Park (owned), Hampton Ponds and Orient Springs.
71.309 miles; 4-8½ g; 143 motor pass. and 36 other cars; 1 elec. loco. ★50

HOPKINTON. 2,452.

(See No. 444.)

HUDSON. 6,743.

(See No. 437).

HYDE PARK. 15,507.

430—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. J. T. Conway ..Hyde Park
Pwr. sta. equip. 3 d. c. G. E. tot. 1875 kw; 2950 hp. e. Penn, Greene; 1527 hp. b. Bab. & W; trolley volt. 600 v. ★50

LAWRENCE. 90,259 (1915).

(See also No. 427.)

432—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. J. H. Hayes.....Lawrence
Power sta. equip. 4 d. c. G. E. Westg. tot. 3050 kw; 4600 hp. e. Penn., Mcl. & S., W.-C; 2080 hp. b. Bab. & W; trolley volt. 600 v. ★50

LEOMINSTER. 17,646.

(See also No. 421.)

433—Worcester Consolidated St. Ry. Co.—See Worcester.
Div. Supt. G. H. Burgess.....Leominster
Power sta. equip. 3 d. c. G. E., West. tot. 550 kw; 719 hp. turb. (wtr.) Hunt. Holy; trans. volt. 13,200 v; trolley volt. 650 v. (Also operated as a sub-sta.) 60

LEXINGTON. 5,538.

(See No. 444.)

LINWOOD. 1,400.

(See No. 468.)

LOWELL. 107,978.

(See also No. 427.)

434—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. Thomas Lees.....Lowell
Power sta. equip. 4 d. c. G. E. tot. 3500 kw; 1 a. c. Allis. 3020 kw 3 ph. 25cys; 6325 hp. c. Cpr., Allis; 3200 hp. b. A. & T, Bab. & W; trans. volt. 6600 v. trolley volt. 600 v. ★50

LYNN. 95,803 (1915).

435—Nahant & Lynn Street Ry. Co.—Office, foot of Washington St. (Connects Nahant and Lynn.)
Pres.
Thos. A. Kelly...629 Summer St., Lynn
V. Pres. & Treas.
Clifton Colburn, 38 Exchange St. "
Sec. W. H. Southwick, 319 Union St. "
Gen. Mgr. G. H. Critcherson..... "
M. M., H. L. Campbell.....Nahant
Power rented from Eastern Mass. St. Ry. Co.: trans. & trolley volt. 550 v.
Repair shops at Nahant.
6.79 miles; 4-8½ g; 17 cars. 119

436—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Local Mgr. G. H. Gray
Power sta. equip. 7 d. c. G. E. tot. 3950 kw; 5450 hp. e. W.-C, H.-C Westg, Cpr; 3460 hp. b. Bab. & W., A. & T; trolley volt. 600 v. ★50

MALDEN. 48,907 (1915).

(See Nos. 401 and 402.)

MANSFIELD. 5772

(See No. 448.)

MARLBORO. 15,250.

(See Nos. 404 and 471.)

MAYNARD. 6,770.

437—Concord, Maynard & Hudson St. Ry. Co.—Gen. office, Greenfield; local office, Maynard. (Connects Concord, So. Acton, Maynard, Stow, West Acton and Hudson.) (Controlled by the Massachusetts Consolidated Railways.)
V. Pres. & Gen. Mgr.
D. P. Abercromble, Jr.....Greenfield
Sec. F. A. Persons..... "
Audr. John E. Donovan..... "
Gen. Supt. John A. Taggart... "
Asst. Supt. R. S. Worden .....Maynard
Claim Agt. Wm. S. Clark.....Greenfield
Ch. Engr. Chas. W. Clapp..... "
Ch. Engr Pwr. Sta. W. L Stone..Maynard
M. M., Edw. Whitney..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 700 hp. e. Slater; 600 hp. b Bab. & W; trans. & trolley volt. 500 to 550 v.
Power sta. and repair shop at Maynard.
18.15 miles; 4-8½ g; 16 cars. ★50

MEDFORD. 30,509 (1915).

(See No. 401.)

MELROSE. 16,880 (1915).

(See No. 401.)

MERRIMAC. 2,202.

(See No. 427.)

METHUEN. 14,007 (1915).

(See No. 427.)

MIDDLEBORO. 8,631.

(See Nos. 441 and 462.)

MILFORD. 13,684.

(See also No. 467.)

438—Milford, Attleboro & Woonsocket St. Ry. Co. — Office, Massachusetts Mutual Bldg., Springfield. (Controlled by the New England Investment and Security Co.) (Connects Woonsocket, R. I., Milford, Franklin, Plainville, Bellingham, Blackstone, Hopedale, Mendon and Wrentham.)
Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
Spec. Asst. to Pres.
Howard R. Whitney..... "
V. Pres. Charles M. Rogerson.....Boston
Clerk, F. P. McIntyre.....Springfield
Mass. Mutual Bldg., "
Treas. Leverett Candee..... "
Mass. Mutual Bldg., "
Audr. J. W. Jamieson.....
Mass. Mutual Bldg., "
Gen. Mgr H. C. Page..... Worcester
Supt. F. S. Hunnewell.....Attleboro
Pur. Agt. J. F. McCabe
7 No. Main St., Springfield
Pass. & Fgt. Agt. R. E. Cosgrove
7 No. Main St., "
Elec. Engr. W. L. Harwood... "
Engr. M. of W. & Struct.
Mass. Mutual Bldg. "
Engr. Pwr. Sta. E. R. Swift....Franklin
Foreman Car Inspectors,
D. J. Buckley..... "
Power sta. equip: 2 d. c. Westg. tot. 575 kw; 750 hp. e. F. & S; 600 hp. b. Bab. & W; trolley volt. 600 v. Energy also purchased from Milford & Uxbridge St. Ry. Co.
Power stas. at Unionville & Franklin; repair shops at Market & Main Sts., Worcester.
Reaches and controls Silver Lake at Franklin.
29.79 miles owned (28.23 mi. 1st m. t., 0.31 mi. 2nd m. t., 1.25 mi. sid.); also 0.26 miles track rights. Total miles operated 28.8; 4-8½ g; 23 motor pass. and 5 motor service cars. ★60

439—Milford & Uxbridge St. Ry. Co.—Office, 76 E. Main St. (Owns Milford, Holliston & Framingham St. Ry. Co., and operates Upton St. Ry. a part of Grafton & Upton R. R. and Medway & Dedham St. Ry. Co.. (Connects Framingham, Holliston) Milford, Mendon, Hopedale, Uxbridge, Medway, Hopkinton, Upton, Franklin, Millis, Medfield, Westwood, Dedham and North Grafton).
Pres. D. E. Manson
201 Devonshire St., Boston
V. Pres. & Clerk
Wendell Williams.....Milford
Treas. Jas. E. Walker ..... "
Audrs. Charles H. Tenney & Co.
201 Devonshire St., Boston
Supt., Park Mgr. & Pur. Agt.
Walter L. Adams. ..... "
Elec. Engr. & M. M., F. Bethel... "
Ch. Engr. Pwr. Sta. F. M. Daniels. "
Roadmaster, H. Rogers..... "
Energy purchased from New England Power Co., trans. volt. 13,200 v; trolley volt. 575 to 600 v.
3 sub-stas: tot. cap. 2100 kw., 4 rot. conv., 1 mo. gen. set.
Repair shops at Milford.
Owns Lake Nipmuc Park and reaches Waushakum Park.
71 miles: 4-8½ g: 44 motor pass., 1 fgt. motor and 4 other cars. 50

MILLBURY. 5,295.

440—Worcester Consolidated St. Ry. Co.—See Worcester.
Power sta. equip. 2 a.c. G. E. tot 11,000 kw. 13,200 v. 3 ph. 25 cys; 3280 hp. b. Edge; 11,000 kw. stm. turb. G. E.; 2 rotary converters G. E. tot. 600 kw; trans. volt. 11,000 and 13,200 v; trolley volt. 600 v. 60

NATICK. 11,119. (1915).

(See No. 444.)

NEW BEDFORD. 115,000. (1917.)

441 — New Bedford & Onset St. Ry. Co. — Office, 814 Purchase St. (Connects New Bedford, Fairhaven, Mattapoisett, Marion, Wareham, Onset, Bourne, Buzzard's Bay, Cape Cod Monument Beach, So. Wareham, Tremont, Rock Canal and Middleboro.)

Pres. H. H. Crapo.....New Bedford
V. Pres. Elton S. Wilde..... "
Sec. Edward T. Pierce..... "
Treas. Edward F. Nicholson "
Audr. James P. Francis ... "
Gen. Supt. & Pur. Agt.
Geo. P. Dole.....Wareham
Claim Agt.
Chester P. Rexford.....New Bedford
Gen. Fgt. & Pass. Agt.
Chas. T. Battey.....New Bedford
M. M., W. E. Parker.....Wareham
Roadmaster, F. R. F. Harrison. "

Energy purchased from New Bedford Gas & Edison Lt. Co. 2 rot. conv. G. E. tot. 900 kw. 3 ph. 60 cys; trans. volt. 22,000 v; trolley volt. 600 v.

Repair shops at Wareham.

44 miles (36.98 mi. 1st m. t., 4.03 mi. 2nd m. t., 2.99 mi. sid.); 4-8½ g; 23 motor pass., 4 trail pass., 1 motor freight, 2 motor service and 6 trail service cars. Company sells energy. ★50

442—Union St. Ry. Co.—Office, 814 Purchase St. (Consolidation of New Bedford & Fairhaven St. Ry., Acushnet St. Ry. and Dartmouth & Westport St. Ry.) (Connects New Bedford, Fairhaven, Acushnet, Dartmouth, Westport and Fall River.)

Pres. Henry H. Crapo.....New Bedford
V. Pres. Gen. Mgr. & Pur. Agt.
Elton S. Wilde..... "
Sec. Edward T. Pierce..... "
Treas. Edward F. Nicholson "
Audr. James P. Francis..... "
Supt. Transpt. C. B. Pierce... "
Supt. Equip. Arthur B. Fuller "
Clm. Agt. Chester P. Rexford "
Gen. Fgt. & Pass. Agt.
Chas. T. Battey..... "
Ch. Engr. Pwr. Sta.
Manuel Luiz..... "
M. M., James A. Webber... "
Engr. M. of W. & Ovhd. Constr.
Thos. W. Williams..... "

Power sta. equip. 6 d. c. G. E., West. tot. 6400 kw; 1 a. c. G. E. 3125 kva. 445 v. 6 ph. 60 cys; 2036 hp. e. F. & S., West. G. E.; 2036 hp. b. Bab. & W; 4000 kw. stm. turb. G. E., West; 500 kw. mo. gen. set. G. E.; trans. & trolley volt. 550 v.

Power sta. and repair shops at New Bedford.

Reaches & owns Fort Phœnix Park and Lincoln Park.

67.197 miles owned (42.161 mi. 1st m. t. 19.771 mi. 2nd m. t., 5.265 mi. sid.); also 5.05 mi. track rights. Total miles operated 66.982; 4-8½ g; 164 motor pass., 43 trail pass., 4 motor fgt. & exp., 2 trail fgt. & exp., 23 motor service and 3 trail service cars. ★50

NEWBURY. 1,590.

(See No. 427.)

NEWBURYPORT. 15,311.

(See Nos. 401 and 427.)

NEWTON. 43,113.

(See No. 444.)

NEWTONVILLE. 5,700.

443—Boston Suburban Elec. Companies.—Office, 797 Washington St., Newtonville. (A voluntary association and controls Norumbega Park Co. and Middlesex & Boston St. Ry.)

Pres. Adams D. Claflin.....Boston
V. Pres. Sydney Harwood.....Newton
Sec. John P. Carr.....Boston
Treas. Chas. Whipple Smith..... "
Asst. Treas. G. M. Cox.....Newtonville
★50

444—Middlesex & Boston St. Ry.—Office, 797 Washington Street., Newtonville. (Controlled by Boston Suburban Elec. Cos.) (Connects Arlington, Ashland, Bedford, Billerica, Concord, Westboro, Hopkinton, Lexington, So. Framingham, Natick, Wayland, Wellesley, Needham, Newton, Waltham, Woburn, Belmont, Sherburne and Watertown. Also operates over the Newtonville & Watertown St. Ry.)

Chrmn. Bd. of Dir.
J. L. Richards.....Newtonville
Pres. Pitt F. Drew..... "
Clerk
A. A. Ballantine ...84 State St., Boston
Treas. G. M. Cox.....Newtonville
Asst. Treas. F. E. Frystrand.... "
Gen. Mgr. & Supt.
Harry H. Hansen..... "
Claim Agt. Pitt F. Drew..... "
Pur. Agt. F. G. L. Henderson "

Supts. of Divs.
No. 1
S. E. Walker.....Waltham
No. 2
Jas. W. Sullivan ....Auburndale
No. 3
F. P. Quackenbush.....Natick
No. 4
W. S. Scamman .....Lexington

Energy purchased from Edison Elec. Illg. Co. of Boston.

Repair shops at Waltham, Natick and Lexington.

Reaches Norumbega Park, Auburndale, and Lexington Park, Lexington.

130.323 miles; 4-8½ g; 264 motor and 14 other cars; 26 snow plows. ★50

NORTH ADAMS. 22,019.

(See also No. 450.)

445—Boston & Maine R. R.—General office, Boston; Div. offices, North Adams, Mass. (Operates by electricity its trains through the Hoosac Tunnel.) For general officers see Boston.

Div. Supt. J. D. Bourne.....No. Adams
Elec. Supt. L. C. Winship.... "

Power sta. equip. 2 a. c. Westg. tot. 6000 kw. 11,000 v. 25 cys; 500 hp. e. Bab. & W; — kw. stm. turb. Westg.; 5500 hp. wtr. turb. Westg; trans. volt. 11,000 v; trolley volt. 11,000 v. Energy also purchased from Berkshire Street Ry. Co., Zylonite, and New England Power Co.

Repair shops at North Adams.

22 miles (elec.) 4-8½ g; 7 elec. locos. 50

NORTHAMPTON. 21,654.

(See also No. 424.)

446—Northampton St. Ry. Co.—Office, Locust (Connects Northampton, Easthampton and Williamsburg.)

Pres. Henry M. Tyler.....Northampton
Treas., Supt. & Claim Agt.
Harold J. Campbell..... "
Gen. Mgr. & Pur. Agt.
Louis D. Pellissier..... "
Ch. Engr.
Chas. A. Winterbottom... "

Power sta. equip. 5 d. c. tot. 810 kw; 1200 hp. e. H. O. & R; 800 hp. b. Hol; trolley volt. 550 v.

Power sta. and repair shops at Locust & Hatfield Sts.

27.506 miles; 4-8½ g; 52 motor and 13 other cars. ★50

NORTH ATTLEBORO, 9,562.

(See No. 399a.)

NORTHBORO. 1,797.

(See No. 471.)

NORTHBRIDGE. 9,254.

(See No. 468.)

NORTON. 2,544.

448—Norton, Taunton & Attleboro St. Ry.—Office Norton. —To be purchased by four municipalities connected. (Connects Norton, Attleboro, Mansfield and Taunton.)
Treas. & Gen. Mgr.
Robert W. Hewins.....Norton
Ch. Engr. Pwr. Sta.
F. J. Armstrong..... "
Power sta. equip. 2 d. c. Walker. tot. 500 kw; 800 hp. e. McI. & S; 800 hp. b. Bab. & W, Heise; trolley volt. 550 v.
Power sta. and repair shops at Norton.
Controls Woodward Spring Park.
21.2 miles; 4 8½ g; cars leased. Company does freight and express business.
★20†

NORWOOD. 10,977 (1915).

(See No. 422.)

PALMER. 9,468.

(See No. 457.)

PARKER RIVER.

(See No. 427.)

PITTSFIELD. 39,607 (1915).

450—Berkshire St. Ry. Co.—Gen. Office, 129 Church St., New Haven, Conn. (Controlled by N. Y., N. H. & H. R. R.) (Connects Williamstown, No. Adams, Clarksburg, Adams, Cheshire, Dalton, Hinsdale, Pittsfield, Lanesboro, Lenox, Lee, Stockbridge, Great Barrington, So. Egremont and Sheffield.) (Leases the Vermont Co., which leases the Hoosick Falls R. R. Co. Operates the latter company by agreement with the Vermont Co.)
Pres. Howard Elliott..New Haven, Conn.
V. Pres. L. S. Storrs... " "
Clerk & Gen. Mgr.
C. Q. Richmond.....Pittsfield
Treas. & Asst. Clerk
A. E. Clark.....New Haven, Conn.
Audr. I. A. May..... " "
Supts. { Geo. E. Green..Hoosick Falls, N.Y.
Alex. Shaw.....Pittsfield
W. T. Nary.....No. Adams
Pur. Agt.
J. H. Sanford.....New Haven, Conn.
Claim Agt. A. M. Robinson.....Pittsfield
Supt. Pwr. Stas.
H. K. Webber.....Zylonite & Adams
Ch. Engr. Pwr. & Equip.
P. W. Ripple.....New Haven, Conn.
Ch. Engr. Pwr. Sta. C. H. Bastow...Pittsfield
M. M., A. Blanchard..... "
Power sta. equip. 9 d. c. G. E., Westg. tot. 3300 kw; 4 a. c. Westg. tot. 9000 kw. 370-11,000 v. 3 ph. 25 cys; 7500 kw. stm. turb. West; 2250 hp. e. R. & S; 5280 hp. b. Bab. & W., Big; trans. volt. 11,000 and 33,000 v; trolley volt. 600 v. Energy also purchased from New England Power Co.
9 sub-stas. tot. cap. 7250 kw; 19 rot. conv.
Power stas. at East St., Pittsfield, Zylonite and Adams.
Repair shops at East St., Pittsfield.
Owns Berkshire Park, Berkshire, and Hoosick Valley Park, North Adams.
145.32 miles; 4-8½ g; 173 motor and 5 other cars. 50

PLUM ISLAND.

(See No. 427.)

PLYMOUTH. 12,926.

451—Brockton & Plymouth St. Ry. Co. — Office, 109 Sandwich St., Plymouth. (Includes Pembroke St. Ry. Co. and Plymouth & Kingston St. Ry. Co., of Plymouth.) (Connects Plymouth, Kingston, Pembroke, Hanson, Whitman and Brockton.)
Receiver, Hollis T. Gleason.....Boston
Pres. Philip S. Dalton, 60 State St., "
V. Pres. Ed. L. Belcher.....Plymouth
Sec. Ellis L. Brewster..... "
Treas. Geo. Howland..... "
Gen. Mgr. & Pur. Agt.
C. W. Gifford..... "
Claim Agt.
James T. Conolly....24 Milk St. Boston
M. M., Warren Given.....Plymouth
Roadmaster
Edward Burchette.....Pembroke
Engr. Ovhd. Constr.
John L. Pitts.....Plymouth
Energy purchased from Edison Elec. Illg. Co., Brocton.
2 sub-stas. tot. cap. 600 kw; 2 rot. conv.
Repair shops at Plymouth.
Reaches & owns Mayflower Grove.
24.27 miles; 4-8½ g; 24 motor pass: 7 motor service and 1 trail service car.
★50

452—Plymouth & Sandwich St. Ry. Co.—Office, 406 Exchange Bldg., Boston. (Connects Plymouth and Manomet. Operates branch line from Sagamore to Sagamore Beach, 1¼ mi.)
Receiver —— ——
Pres. John O'Day.....Boston
V. Pres. M. J. Cashman..... "
Treas. & Gen. Mgr.
Arthur Lovering..... "
Actg. Supt. E. G. Peterson....Plymouth
Energy purchased from Brockton & Plymouth St. Ry. Co.
6.4 miles; 4-8½ g; 6 motor cars. (Contemplates using one-man cars.) 19†

QUINCY. 40,674.

453—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.
Supt. H. I. Sullivan.....Quincy.
Power sta. equip. 4 rot. conv. G. E. tot. 3250 kw; 5 a. c. G. E. tot. 10,000 kw. 3 ph. 25 cys; 6875 hp. b. B. & W., A. & T; 12,500 kw. turb. G. E; trans. volt. 13,200 v; trolley volt. 600 v. ★50

RANDOLPH. 4,784.

454a—Bristol & Norfolk St. Ry. Co.—Office, Randolph. (Connects Holbrook Sta., Randolph and Stoughton Square.)
Pres. N. Thomson. 165 Second St., Chelsea
Sec. & Treas.
M. C. R Rosenthal " " "
Energy purchased from Eastern Massachusets Street Railway Co.; trolley volt. 550 v.
Repair shops at West St., Randolph.
Reaches Glen Echo Park, Stoughton (leased).
6.44 miles; 4-8½ g; 7 motor and 2 other cars. 89j

READING. 6,805.

(See No. 401.)

REVERE. 25,178 (1915).

(See No. 401.)

ROCKLAND. 7,074.

(See also 401.)

454b—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.

Sub-sta. equip. G. E. rot. conv. tot. 900 kw. 3 ph. 25 cys; trans. volt. 13,200; trolley volt. 600 v. 50

ROCKPORT. 4,351.

(See No. 401.)

SALEM. 43,697.

455—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.

Local Mgr. F. G. Hardy.....Salem

Power sta. equip. 5 d. c. G. E., S. & H. tot. 2350 kw; 1500 kw. G. E. rot. conv. 600 v; 4000 hp. e. Ham., Cpr; 1900 hp. b. Natl., A. & T., Bab. & W. Edge; 1 turbo-gen. G. E. 2500 kw. 430 v. 6 ph. 60 cys; trolley volt. 600 v. ★50

SALISBURY. 1,622.

(See No. 427.)

SALISBURY BEACH.

(See No. 427.)

SHARON. 2,468.

455a—Norwood, Canton & Sharon Street Ry.—Office, Sharon. (Connects Canton and Stoughton.)

Pres. V. M. Hawkins.....Sharon
Sec. Joseph McGrath. ..... "
Treas. Samuel G. Spear..... "
Audr. Nathaniel Wheeler..... "
Gen. Mgr. F. A. Prince..... "
Supt. George Spaulding.....Stoughton

Energy and equipment rented from the Blue Hill Street Ry. Co. §119

SHELBURNE FALLS. 1,498.

456—Shelburne Falls & Colerain St. Ry. Co.—Office, 20 Water St. Shelburne Falls. (Connects Shelburne Falls, Shattuckville, Griswoldville, Lyonsville and Colerain.)

Pres.
Freeman L. Davenport, Shelburne Falls
V. Pres. Chas. W. Hawks " "
Clerk, Treas., Gen. Mgr. & Claim Agt.
Deane R. Ainsworth...Shelburne Falls
Audr. Frank. L. Reed... " "
Ch. Engr. Pwr. Sta. & M. M.
G. W. Smead..... " "

Power sta. equip. 3 d. c. G. E., Westg., tot. 250 kw. 550 v; 150 hp. e. Fitch; 150 hp. b. Dillon; 200 hp. turb. (wtr.) Hol; trans. & trolley volt. 550 v.

Power sta. and repair shops at Frankton

7.43 miles; 4-8½ g; 14 cars. (Freight business.) Company sells energy. ★50

SOMERVILLE. 86,854.

(See No 402.)

SPRINGFIELD. 102,971 (1915).

457—Springfield St. Ry. Co.—Office, Mass. Mutual Bldg. (Controlled by Springfield Railway Companies, which is in turn controlled by New England Investment & Security Co.) (Connects Springfield, West Springfield, Ludlow, Westfield, Huntington, Chicopee, Chicopee Falls, Longmeadow, East Longmeadow, Agawam, Palmer, Monson, Ware, No. Wilbraham, Russell and Brimfield.)

Pres. Clark V. Wood.....Springfield
Special Asst. to Pres.
Howard R. Whitney ..... "
V. Pres. A. Willard Damon... "
Clerk, F. P. McIntyre..... "
Treas. Leverett Candee..... "
Audr. J. W. Jamieson..... "
Gen. Mgr. Herbert M. Flanders "
Pur. Agt. J. F. McCabe..... "
Claim Agt. H. L. Osgood..... "
Fgt. & Pass. Agt. R. E. Cosgrove "
Elec. Engr. W. L. Harwood... "
Div. Supts. { E. L. Putnam ..... "; Roy Chambers..... Westfield; S. H. Sayles ..... Palmer
M. M., Geo. S. Webb.....Springfield
Supts. { Line, William Loft.... "; Track, H. J. Sullivan "

Energy purchased from Turners Falls Pwr. & Elec. Co. and New England Power Co.

Repair shops at Bond, Carew and Main Sts.

Reaches and controls Pequot Park at Westfield; 191.45 miles owned (141.42 mi. 1st. m. t., 35.3 mi. 2nd m. t., 14.73 mi. sid); also 0.38 miles track rights. Total miles operated 177.1; 4-8½ g; 423 motor pass., 112 motor freight and express, 68 motor service and 2 trail service cars. ★60

459—Springfield Railway Companies—Office, Springfield. (Controls the Springfield St. Ry. Co., and is in turn controlled by the New England Investment & Security Co.)

Pres. Clark V. Wood... Springfield
V. Pres A. Willard Damon... "
Sec. F. P. McIntyre..... "
Treas. Leverett Candee..... "
50

459a—New England Investment & Security Co.—Offices Massachusetts Mutual Bldg. (Controls Springfield Railway Cos., Springfield St. Ry. Co., Worcester Consol. St. Ry. Co., Milford, Attleboro & Woonsocket St. Ry. Co., Worcester & Webster St. Ry. Co. and Webster & Dudley St. Ry. Co.

Pres., Clark V. Wood.....Springfield
V. Pres. Chas. E. Ware.....Fitchburg
Sec. F. P. McIntyre.....Springfield
Treas. Leverett Candee..... "
Audr. J. W. Jamieson..... "
★60

STOUGHTON. 6,982.

(See No. 454a.)

TAUNTON. 34,759.

462—East Taunton St. Ry. Co.—Office, 28 Summer St. (Connects Taunton, East Taunton, Lakeville and Middleboro.)

Pres. & Pur. Agt. M. A. Cavanaugh
162 Harrishof St., Roxbury
V. Pres. T. F. Cavanaugh.....Taunton
Treas. Jos. B. Murphy..... "
Supt. J. P. Dunn..... "

Energy furnished by Eastern Massachusets Street Railway Co.

10.711 miles; 4-8½ g; 18 motor, 1 fgt. and 5 other cars; 2 snow plows. 129

463—Eastern Massachusetts St. Ry. Co.—For executive officers, see Boston.

Local Mgr. J. H. Murphy.... ..Taunton

Sub-sta. equip. G. E. rot. conv. tot. 1500 kw. 3 ph. 25 cys; trans. volt. 13,200 v. trolley volt. 600 v. 50

TEPMLETON. 4,081.

(See No. 398.)

WAKEFIELD. 12,781.

(See No. 401.)

WALPOLE. 5,490.

(See No. 422.)

WALTHAM. 30,154.

(See No. 444.)

WATERTOWN. 14,867.

(See No. 444.)

WEBSTER. 12,565.

464—Webster & Dudley St. Ry. Co.—(Leased to Worcester Consolidated St. Ry. Co. and controlled by the New England Investment & Security Co.)
Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
V. Pres. Charles M. Rogerson.....Boston
Clerk, F. P. McIntyre
Mass. Mutual Bldg. Springfield
Treas. Leverett Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg. "
5.66 miles. ★60

465—Worcester & Webster St. Ry. Co.—(Leased to Worcester Consolidated St. Ry. Co. and controlled by the New England Investment & Security Co.) (Connects Auburn, Oxford, Webster and Worcester.)
Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
V. Pres. Charles M. Rogerson....Boston
Clerk, F. P. McIntyre
Mass. Mutual Bldg. Springfield
Treas. Leverett Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg. "
16.55 miles. 60

WESTFIELD. 18,411.

(See No. 457.)

WESTWOOD. 1,448.

467—Medway & Dedham St. Ry. Co.—Office, 76 E. Main St., Milford. (Leased and operated by Milford & Uxbridge Street Ry. Co.) (Connects Dedham, Medfield and Franklin.)
Pres. W. W. Ollendorff.....Medway
V. Pres. E. Worthington.....Dedham
Treas. P. A. Woodward.....Franklin
Clerk, Geo. P. Holbrook.....Millis
Supt. W. L. Adams.....Milford
Energy purchased from The Edison Elec. Illg. Co. of Boston.
Repair shops at Westwood.
20.30 miles; 4-8½ g; 12 cars. 50

WHITINSVILLE. 4,500.

468—Linwood St. Ry. Co.—Office, Whitinsville. (Operates in Northbridge and connects Linwood and Whitinsville.)
Pres. Geo. B. Hamblin.....Whitinsville
V. Pres. G. M. Whitin..... "
Sec. & Treas. A. S. Noyes.... "
Supt. Geo. Wilmot..... "
Energy purchased.
2.285 miles; (.795 miles owned, 1.49 miles leased), 4-8½ g; 7 cars. 50

WINTHROP. 12,758.

469—Point Shirley St. Ry. Co.—Office, 350 Atlantic Ave., Boston (Owned by the Boston, Revere Beach & Lynn R. R. (steam.) (Operates in Winthrop, between Beach Station and Point Shirley.)
Pres. Melvin O. Adams.....Boston
Treas. Henry L. Hoyt..... "
Supt. John A. Fenno..... "
1.2 miles; 4-8½g; 2 storage bat. cars and 1 auto bus. 70

WOBURN. 16,410.

470—Eastern Massachusetts St. Ry. Co.—For officers, see Boston.
Power sta. equip. 4 d. c. G. E. tot. 3750 kw; 6300 hp. e. Penn, Cpr, Cor.; 2400 hp. b. Bab. & W; trolley volt. 600 v. 119

WORCESTER. 162,697 (1915).

(See also Nos. 404, 464 and 465.)

471—Worcester Consolidated St. Ry. Co.—Office, Massachusetts Mutual Bldg., Springfield. (Controlled by the New England Investment & Security Co.) (Leases North End St. Ry., Worcester & Shrewsbury St. Railroad, Webster & Dudley St. Ry. and Worcester & Webster St. Ry.) Owns and operates railways in Worcester, Leicester, Spencer, West Boylston, Sterling, Leominster, Fitchburg, Lancaster, Clinton, Berlin, Hudson, Boylston, Northboro, Marlborough, Westborough, Shrewsbury, Grafton, Millbury, Sturbridge, Southbridge, Charlton, Oxford, Auburn, Holden, Sutton, Northbridge, Uxbridge, Hopedale, Mendon, Milford, Blackstone, Millville, Southborough and Webster.
Pres. Clark V. Wood
Mass Mutual Bldg., Springfield
Spec. Asst. to Pres. Howard Whitney
Worcester
V. Pres. A. G. Bullock..... "
Clerk, F. P. McIntyre
Mass. Mutual Bldg. Springfield
Treas. Leverett Candee
Mass. Mutual Bldg. "
Audr. J. W. Jamieson
Mass. Mutual Bldg., "
Gen. Mgr. H. C. Page.....Worcester
Pur. Agt. J. F. McCabe
7 N. Main St., Springfield
Claim Agt. H. E. Buswell.....Worcester
Fgt. & Pass. Agt. R. E. Cosgrove
7 N. Main St., Springfield
Supts. { Line, C. H. Briggs.....Worcester; Pwr. Stas. F. M. Finlayson..... "; Track, F. A. Wilkinson "
Div. Supts. { Southbridge Div. Charles E. O'Donnell, Charlton City; Fitchburg-Leominster Divs. G. H. Burgess, Leominster; Blackstone Valley Div. F. R. Burns....Uxbridge; Worcester Div. J. L. Tully.....Worcester
Elec. Engr. W. L. Harwood
7 N. Main St., Springfield
M. M., Alex J. McPherson.....Worcester
Power sta. equip. 3 d. c. G.E. West. tot. 550 kw; 2 a. c. G. E. tot. 11,000 kw. 13,200 v. 3 ph. 25 cys; 3280 hp. b. Edge; 10,000 kw. stm. turb. G. E; 719 hp. (wtr.) turb. Hunt, Hol; trans. volt. 13,200 v; trolley volt. 600 v; energy also purchased from New England Pwr. Co.
13 sub-stas. tot. cap. 13,900 kw; 28 rot. conv.
Power stas. at Millbury (stm.) and Leominster; (hydro-elec.)
Repair shops at Market and Main Sts., Worcester.
Reaches and controls Lincoln Park, Lake Quinsigamond, Worcester; also reached Chauncey Lake Park, Westborough.
259.96 miles owned (2 9 99 mi. 1st m. t., 33.16 mi. 2nd mt., 16.81 mi. sid); also 31.05 miles leased and 13.48 miles track rights. Total miles operated 285.25; 4-8½ g. 545 motor pass., 22 motor fgt. & exp., 3 trail fgt. & exp. and 95 motor service cars; 3 elec. locos. (Company sells energy.)
★70

WRENTHAM. 2,414.

(See Nos. 422 and 433.)

MICHIGAN.

ADRIAN. 11,458 (1916).

473—Adrian St. Ry. Co.—Office, 339 Superior St., Toledo, O. (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. & Gen. Mgr.
Frank R. Coates.....Toledo, O.
V. Pres. (Ch. of Operation)
A. Swartz..... "
Sec. & Treas. A. C. Van Driesen "
Claim Agt. V. J. Waltz..... "
Traffic Mgr. W. J. Chisholm.... "
Energy from Toledo & Western R. R. Co.; trolley volt. 600 v; repair shops at Adrian, Mich. and Sylvania, O.
3.89 miles; 4-8½ g; 3 cars. 109

ALLEGAN. 3,700.

(See No. 492a.)

ALMONT. 725.

(See No. 475.)

ANN ARBOR. 15,010.

(See No. 477.)

BATTLE CREEK. 29,480.

(See Nos. 492a and 493.)

BAY CITY. 47,942.

(See Nos. 492a and 500.)

BENTON HARBOR 10,833 (1916)

474—Benton Harbor-St. Joe Ry. & Lt. Co.—Office, Benton Harbor. (Controls St. Joe River Route, Paw Paw Lake extension,) (Connects Benton Harbor, St. Joseph, Meadowbrook, Kings Landing, Sebago, Tabor, Eau Claire, Dowagiac, Coloma, Paw Paw Lake and Watervliet.)
Pres., Treas. & Gen. Mgr.
C. K. Minary.....Benton Harbor
V. Pres.
Henning Chambers.....Louisville, Ky.
Sec. L. W. Botts..... "
Gen. Fgt. & Pass. Agt.
J. H. Pound.....Benton Harbor
Audr. Jos. S. Minary..... "
Supt. Transpt. W. E. Welcher "
Ch. Engr. Pwr. Sta.
Geo. J. Spaulding..... "
M. M. Jas. F. Logan..... "
Civil Engr. & Roadmaster,
Ray Kenoyer..... "
Energy purchased from Indiana & Michigan Elec. Co; 3 mo-gen. sets G. E. tot. 1575 kw; trans. volt. 26 000 v; trolley volt. 550 v.
Repair shops at Benton Harbor.
Reaches House of David Park.
54 miles; 4-8½ g; 35 city motor pass. 10 inter. motor pass., 21 trail and 6 other motor cars. (Company furnishes energy for lighting and power.) ★50

BIRMINGHAM, 1,607.

(See No. 480.)

DETROIT 571,784 (1916).

475—Detroit, Almont & Northern R. R.—Office, Interurban Bldg. (Connects Romeo, Almont and Imlay City.) (Controlled by Detroit United Ry.)
Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Pres. & Audr. Irwin Fullerton "
Sec. A. E. Peters..... "
Asst. Sec. Emma Heise..... "
Treas. Allen F. Edwards..... "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick....Detroit
Gen. Supt. Harry Bullen..... "
Supt. Pwr. M. F. Maury Werth... "
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
Geo. A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Pass. Agt. Jno. F. Keys.... "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "
M. M., Sylvester Potter....Highland Pk.
Engr. M. of W., John Kerwin
Harper & Mt. Elliott Aves., Detroit
Energy from Detroit United Ry. and Detroit Edison Co.; trolley volt. 550 v.
Repair shops at Detroit and Rochester.
Mileage and equipment included in report of Detroit United Ry. (Co. does express & freight business.) ★50

476—Detroit & Highland Park R. R. Co.—Office, Interurban Bldg. (Connects Detroit and Highland Park.) (Controlled by Detroit United Ry.)
Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
V. Pres. & Audr. Irwin Fullerton. "
Sec. A. E. Peters..... "
Asst. Sec. Emma Heise..... "
Treas. A. F. Edwards..... "
Gen. Supt. Harry Bullen..... "
Supt. Pwr. M. F. Maury Werth... "
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
Geo. A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "
Gen. Pass. Agt. Jno. F. Keys..... "
Ch. Engr. & Engr. M of W.
John Kerwin
Harper & Mt. Elliott Aves. "
Signal Engr. James Brennan
Harper & Mt. Elliott Aves., "
M. M. Sylvester Potter....Highland Park
Energy from Detroit United Railway; trolley volt. 550 v.
Repair shops at Highland Park.
Mileage and at equipment included in report of Detroit United Ry. 50

477—Detroit, Jackson & Chicago Ry.—Office, Interurban Bldg. (Owns and operates a city system in Ann Arbor, also branch line from Ypsilanti to Saline) (Connects Jackson and Detroit, via Ann Arbor, Ypsilanti and Wayne; also Northville and Detroit via Plymouth and Wayne.) (Controlled by Detroit United Ry.)
Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
V. Pres. & Audr. Irwin Fullerton. "
Sec. A. E. Peters..... "
Treas. Allen F. Edwards..... "
Gen. Supt. Harry Bullen..... "
Supt. A. H. Cady..... "
Supt. Pwr.
M. F. Maury Werth..... "
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
Geo. A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger.. "
Gen. Fgt. & Exp. Agt.
Nathan Rumney..... "
Gen. Pass. Agt. Jno. F. Keys..... "
Supt. Tracks, John Kerwin..... "
M. M., Sylvester Potter....Highland Park
Energy purchased from Consumers Power Co., 1500 kw. and Detroit Edison Co., 4450 kw.
Repair shops at Ypsilanti.
111.35 miles: 4-8½ g; 36 closed pass. 8 open pass., 5 express and freight and 29 other cars. ★50

478 — Detroit, Monroe & Toledo Short Line Ry. Co.—Office, Interurban Bldg. (Controls Monroe Trac. Co. and includes Toledo & Monroe Ry. Co.) (Connects Detroit, Toledo, Monroe, Erie, Newport, Wyandotte, Trenton and Rockwood.) (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
Asst. to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
V. Pres. Treas. Allen F. Edwards. "
Sec. A. E. Peters..... "
Audr. Irwin Fullerton..... "
Gen. Supt. Harry Bullen..... "
Supt. J. C. Huston.....Monroe
Supt. Pwr. M. F. Maury Werth...Detroit
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
Geo. A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger.. "
Gen. Fgt. & Exp. Agt.,
Nathan Rumney..... "
Gen. Pass. Agt Jno. F. Keys..... "
Ch. Engr. Pwr. Sta. T. E. Lloyd..Monroe
Supt. of Track John Kerwin.....Detroit
M. M., Sylvester Potter..Highland Park

Power sta. equip. 5 a. c. Westg, Allis-C. tot. 4400 kw. 400 v. 3 ph. 25 cys; 1800 hp. e. Ham. Cor; 2000 hp. b. A. & T. Bab. & W; 3200 hp. turb Westg. Allis-C; trans. volt. 16,500 v; trolley volt. 650 v.

Power sta. and repair shops at Monroe. Reaches Monroe Piers (owned.)

84.487 miles; 4-8¼ g: 26 closed pass. 2 open pass., 4 express and 62 other cars. ★50

479—Detroit & Port Huron Shore Line Ry. (Rapid Ry. System.)—Office, Interurban Bldg. (Includes the Rapid Ry., Detroit, Mt. Clemens & Marine City Ry., Port Huron, St. Clair & Marine City Ry., Detroit & Lake St. Clair Ry. and City Elec. Ry. Co. of Port Huron.) (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Pres. & Audr. Irwin Fullerton. "
Sec. A. E. Peters..... "
Treas Allen F. Edwards..... "
Asst to Pres. W. E. Cann..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Gen. Supt. Harry Bullen..... "
Supt. W. M. Quackenbush..Mt. Clemens
Supt. Pwr. M. F. Maury Werth...Detroit
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
Geo. A. Chapman..... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. Agt. Nathan Rumney... "
Gen. Pass. Agt. Jno F. Keys..... "
Roadmaster, Oliver Chapaton Mt. Clemens
Div. } Jno. McCarthy..... "
Supts. } Jno. Reed ..... Port Huron
Supt. of Track John Kerwin.. "

Power sta. equip. 5 a. c. Westg., Allis-C. tot. 4700 kw. 390 v. 3 ph. 25 cys; 3600 hp. e. Westg; 2700 hp. b. Bab. & W.. Stir; 4800 hp. turb. West. Allis-C; trans. volt. 16,500 v; trolley volt. 625 v.

Power sta. at New Baltimore; sub-stas. at Roseville, Mt. Clemens and Algonac.

Repair shops at Roseville and Port Huron.

Owns club house, docks and amusement grounds at Lakeside.

142.592 miles (elec. & steam); 4-8¼ g: 57 closed pass., 28 open pass., 7 express and freight and 45 other cars. ★50

480 — Detroit United Ry. — Office, Interurban Bldg. (Controls Detroit, Jackson & Chicago Ry., Detroit & Port Huron Shore Line Ry. (Rapid Ry. System), River Rouge Ry., Detroit, Monroe & Toledo Short Line Ry., Detroit, Almont & Northern R. R. Detroit & Highland Park R. R. Co. and Sandwich, Windsor & Amherstburg Ry., Windsor, Ont., Can. Includes all street railway lines in Detroit and the following Interurban Divisions: Wyandotte, Orchard Lake, Pontiac, Flint and Grosse Pointe.) (Connects Detroit, Royal Oak, Rochester, Oxford, Flint; Detroit, Birmingham, Pontiac; Detroit, Redford, Farmington and Northville.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks.. "
V. Prests. { E. W. Moore....Cleveland, O.
A. J. Ferguson, Montreal, Can.
Treas. & Pur. Agt.
Allan F. Edwards...Detroit
Sec. A. E. Peters..... "
Asst. Sec. Emma Heise..... "
Gen. Audr. Irwin Fullerton..... "
Asst. Gen. Mgr. E. J. Burdick.... "
Asst. to Gen. Mgr. W. E. Cann.... "
Gen. Supt. Harry Bullen..... "
1st Asst. Gen. Supt.
Frank W. Brooks Jr..... "
2nd Asst. Gen. Supt.
Edward H. Ives..... "
Supts. of Lines { Leo Reynolds..... "
D. A. Smith..... "
Leon Snyder ..... "
Percy L. Radcliffe (night) "
Gen. Claim Attorney
W. G. Fitzpatrick..... "
Asst. Gen. Claim Attorney
George A. Chapman..... "
Supt Pwr. M. F. Maury Werth... "
Gen. Traffic Mgr. W. S. Rodger... "
Gen. Fgt. Agt. Nathan Rumney.. "
Gen Pass. Agt. Jno. F. Keys..... "
M. M. Sylvester Potter....Highland Park
Supt. of Tracks, John Kerwin....Detroit

Detroit Stas. (Atwater and Riopelle) 11 d. c. G. E, Westg. tot. 10,900 kw; 2 a. c. G. E, Westg. tot. 10,500 kw. 6600 v. 3 ph. 25 cys; 16,350 hp. e. Allis-C, F. & S; 11,200 hp. b. Bab & W, Stir; 1 1,500 kw. stm. turb. West. G. E.; trans. volt 6600 v; trolley volt. 575 v. Energy also from Detroit Edison Co. 14,500 kw.

Sub-Stas. (Birmingham, Farmington Junct and Rochester) tot. d. c. gen. 2550 kw. West. Allis-C; tot. a. c. gen. 3950 kw. 400 v. 3 ph. 25 cys West. Allis-C; 5472 hp. e. ——; 4450 hp. b. ——; 3000 kw. stm. turb. West. Allis-C: trans. volt. 16,500 v; trolley volt. 650 v. Energy also from Eastern Mich. Edison Co., 4000 kw.

Repair shops at Detroit.

Total mileage of system (including side and yard tracks) 928.396; 4-8½ g: Detroit United Ry. 544.728 miles (including Detroit & No. Western Div., Detroit & Pontiac Div. Detroit, Flint & Wyandotte Div. Detroit, Almont & Northern R. R. and Detroit & Highland Park R. R. Co.): Rapid Ry. System 142.592 miles, Detroit Monroe & Toledo Short Line Ry. 84.487 miles, Detroit Jackson and Chicago Ry. 111.351 miles and Sandwich, Windsor & Amherstburg Ry 45.237 miles.)

Total rolling stk. equip. 1895 pass., 284 freight and constr., 38 line, 104 express and 21 misc. cars; 4 locos., 4880 motors and 3806 trucks. ★50

481—Michigan Central R. R. (Detroit River Tunnel Co.)—Office, M. C. R. R. Depot, Detroit. (Operates by electric locomotives through tunnel under Detroit River, between Detroit, Mich. and Windsor, Ont.)

Chmn. H. B. Ledyard.....Detroit
Pres. A. H. Smith,
Grand Central Station, New York, N. Y.
V. Prests. { J. Carstensen..... " "
E. D. Bronner.....Detroit
Gen. Mgr. H. Shearer..... "
Gen Supt. J. L. McKee..... "
Ch. Engr. Col. Geo. H. Webb..... "
Elec. Engr. J. C. Mock ..... "
Asst. Elec. Engr. C. G. Winslow... "
Supt. Mot. Pwr. W. H. Flynn..... "
Rd. Foreman of Engines,
W. M. Apted .... "

Energy purchased from Detroit Edison Co.; 2 mo.-gen. G. E. tot. 2000 kw; trans. volt. 4600 v. 3 ph. 60 cys; trolley volt. 650 v. d. c.

Repair shops at Detroit.

26.4 miles; 4-8½ g; 10 Gen. Elec. locos. ★70

ESCANABA. 15,485 (1916).

483—Escanaba Trac. Co.—(Connects Escanaba, Gladstone, Wells and Groos.)
Pres. J. K. Stack.....Escanaba
V. Pres. J. C. Kirkpatrick..... "
Sec., Gen. Mgr. & Pur. Agt.
P. L. Utley..... "
Treas. M. N. Smith..... "
Audr H. W. Reade..... "
Supt. & Elec. Engr.
Edwin F. Zuehlke..... "
M. M., Edw. Anderson..... "
Roadmaster, J. Burke..... "

Power sta. equip.; 3 d. c. G. E. West. tot. 620 kw. 550 v; 3 a. c. G. E. Allis-C. tot. 3250 kva. 6600 v. 3 ph. 60 cys; 200 hp. e. F. & S; 300 hp. b. Feustrom Menominee; 4700 hp. turb. (wtr.) Leffel, Allis-C; trans. volt. 6600 v; trolley volt. 550 v.

1 sub-sta. cap. 170 kw; 1 mo. gen. set.

Power stas. at Flat Rock, Chandler Falls and Escanaba; repair shops at Escanaba.

Reaches South Park (owned) and Moose Park.

16.5 miles (14 mi. 1st m. t., 1.5 mi. 2nd m. t., 1 mi. sid.) Total miles operated 18; 4-8½ g; 11 motor pass., 4 trail pass., 2 trail freight and 3 motor service cars; 1 auto pass. bus. Co. furnishes energy for lighting and power. ★50

FARMINGTON. 564.

(See No. 480.)

FILER CITY. 400.

(See No. 495.)

FLINT. 54,773 (1916).

(See Nos. 480 and 492a.)

GLADSTONE. 4,211.

(See No. 482.)

GRAND RAPIDS. 128,291 (1916).

(See also Nos. 488 and 492a.)

483—Grand Rapids, Grand Haven & Muskegon Ry. Co.—Office, 162 Ottawa Ave., N. E. (Owns Grand Haven St. Ry. Co.) (Connects Grand Haven, Muskegon and Grand Rapids.) (Controlled by United Lt. & Rys. Co.)
Pres. & Gen. Mgr.
W. K. Morley.....Grand Rapids
1st V. Pres. R. Schaddelee.. "
2nd V. Pres. Frank Hulswit "
Sec. L. H. Heinke..... "
Audr. L. E. Jones..... "
Trainmaster, V. A. Martin.....Fruitport
M. M., C. A. Sibert..... "
Roadmaster, B. Rickard..... "
Traffic Mgr. & Claim Agt.
S. L. Vaughan.....Grand Rapid

Energy purchased from Consumers Pwr. Co.: trans volt 17,500 v; trolley volt. 650 v.

4 sub-stas. (1 with anto. cont.) tot. cap. 2800 kw; 9 rot. conv.

Repair shops at Fruitport; sub-stas. at Coopersville, Walker, Fruitport and Spring Lake.

Owns and operates Pomona Pleasure Park at Fruitport.

48 miles (trolley & 3d rail); 4-8½ g; 41 motor and 6 other cars. (Handles through freight to Chicago in connection with Goodrich Transp. Co. and to Milwaukee in connection with the Crosby Transp. Co. from Grand Haven. Also does local freight business.) ★50

484—Grand Rapids Ry. Co.—Office, 42 No. Ionia St. (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. & Gen. Mgr.
Benj. S. Hanchett.....Grand Rapids
V. Prests. { B. C. Cobb.....New York, N.Y.
Gen. Mgr. L. J. DeLamarter, Grand Rapids
Sec., Treas. & Pur. Agt.
U. E. Livingston..... "
Asst. Secs. & Asst. Treasrs. { S. E. Wolff, New York, N.Y.
G. H. Bourne, " "
Audr. H. G. Kessler..... " "
Supt. J. C. Madigan.....Grand Rapids
Claim Agt. F. M. Webster.. "

Energy purchased from Consumers Pwr. Co.

Reaches Ramona Park at Reeds Lake (owned), North Park and Comstock Park.

65.60 miles (34.59 mi. 1st m. t., 28.30 mi. 2nd m. t., 2.71 m. sid.) Total miles operated 67.96; 4-8½ g; 143 motor pass., 12 trail pass., 9 trail freight and 19 trail service cars; (19 motor pass. cars on order.) ★50

485—American Public Utilities Co.—Office, G. R. Savings Bldg., Grand Rapids. (Controls, through stock ownership, the following properties operated under the management of Kelsey, Brewer & Co.: Albion (Mich.) Gas Lt. Co., Boise (Idaho) Gas Lt. & Coke Co., Elkhart (Ind.) Gas & Fuel Co., Holland (Mich.) Gas Works, Jackson (Miss.) Public Service Co., Merchants' Public Utilities Co., Indianapolis, Ind., Merchants Ht. & Lt. Co., Indianapolis, Ind., Utah Gas & Coke Co., Salt Lake City, Utah, Valparaiso (Ind.) Ltg. Co., and Wisconsin-Minnesota Lt. & Pwr. Co.—operating in Eau Claire, La Crosse, Chippewa Falls and Menomonie, Wisc., and Winona and Red Wing, Minn.)
Chmn. of Bd.
Chas. B. Kelsey.....Grand Rapids
Pres. & Gen. Mgr.
Joseph H. Brewer..... "
V. Pres. & Asst. Gen. Mgr.
Geo. H. Waring..... "
Sec. Blaine Gavett..... "
Treas. Willis J. Ripley..... "
Ch. Engr. L. B. Andrus.... "

★50

486—Commonwealth Pwr., Ry. & Lt. Co.—Office, 14 Wall St., New York, N. Y., (Controls through stock ownership the Union Ry. Gas & Elec. Co., Springfield (Ohio) Lt., Ht. & Pwr. Co., Grand Rapids, Holland & Chicago Ry., Grand Rapids Ry. Co., Saginaw-Bay City Ry. Co., Michigan Lt. Co., Consumers Pwr. Co. Manistee Ry. Co., Michigan Ry. Co., and Michigan United Rwys; also owns and operates coal mines in W. Va. and Ill.)
Pres. Geo. E. Hardy.... New York, N. Y.
V. Prests. { C. M. Clark..Philadelphia, Pa.
B. C. Cobb...New York, N.Y.
J. C. Weadock " "
Sec. & Treas. Jacob Hekma " "
Asst. Secs. & Asst. Treasrs. { C. A. Pearson, Jr. Philadelphia, Pa.
Geo. Sprague..New York
G. H. Bourne.. "

★50

487—United Lt. & Rys. Co.—Offices, 701 Michigan Trust Bldg., Grand Rapids; Davenport, Ia., and 886 Commonwealth Edison Bldg., Chicago, Ill. (Controls through ownership of all or a large majority of the stock the following companies: Chattanooga (Tenn.) Gas Co.; Cedar Rapids (Ia.) Gas Co.; Cedar Rap-

lds (Ia.) & Marion City Ry.; Ottumwa (Ia.) Gas Co.; Ft. Dodge (Ia.) Gas & Elec. Co.; La Porte (Ind.) Gas & Elec. Co.; Cadillac (Mich.) Gas Lt. Co.; Grand Rapids, Grand Haven & Muskegon Ry. Co; Mason City (Ia.) & Clear Lake R. R. Co.; People's Gas & Elec. Co. (Mason City, Ia.) and Tri-City Ry. & Lt. Co.
Pres. Frank T. Hulswit....Grand Rapids
V. Prests. Gen. Mgr. R. Schaddelee.. " ; Asst. Gen. Mgr. B J. Denman, Davenport, Iowa ; Cons. Engr. T. J. Weber.....Grand Rapids
Sec. & Treas. L. H. Heinke. "
Asst. Secs. F. K. George.. " ; W. E. Armstrong " ; W. E. Hulswit, Chicago, Ill.
Asst. Treasrs. C. M. Hurd.....Grand Rapids ; Asst. Sec. F. F. Kelley.. "
Pur. Agt. Geo. G. Kuhn..Davenport, Iowa
★50

HANCOCK. 12,079 (1916).

(See No. 489.)

HOLLAND. 12,360 (1916).

(See also No. 492a.)

488—Grand Rapids, Holland & Chicago Ry.—(Connects Grand Rapids, Holland, Macatawa, Ottawa Beach and Saugatuck.) (Leased to Michigan Railroad Co. (which see for operating officials.) (Controlled by the Commonwealth Pwr. Ry. & Lt. Co)
Pres. J. F. Collins.....Jackson
V. Pres. B. C. Cobb....New York, N. Y.
Sec. J. W. Glendening.....Jackson
Treas. A. J. Bray..... "
Asst. Secs. & Asst. Treasrs. S. E. Wolff, New York, N.Y. ; G. H. Bourne " "
Energy purchased from Consumers Pwr. Co.
Repair shops at Holland.
Reaches Macatawa Park and Ottawa Beach. Owns and operates Jenison Electric Park, an amusement resort.
75 92 miles (43.42 mi. 1st m. t., 28.87 mi. 2nd m. t. and 3.63 mi. sid.) Total miles operated 76.47: 4-8½ g; 18 motor pass., 2 trail pass, 5 motor freight, 20 trail freight, and 4 motor service cars.
★50

HOUGHTON. 8,000 (1914).

489—Houghton County Trac. Co.—(Connects Houghton, Hancock, Red Jacket, Laurium, Lake Linden and Hubbell, and the mining locations of Quincy, Osceola, Wolverine, Allouez, Ahmeek and Mohawk.) (Owns Houghton County Bus Co.)
Pres. Harry T. Edgar
147 Milk St., Boston, Mass.
V. Prests. Frederic J. Bowden, Houghton ; David Daly,.....Keokuk, Ia.
Sec. Edward T. Clark
147 Milk St., Boston, Mass.
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster, Inc.
147 Milk St., Boston, Mass.
Mgr. Samuel B. Tuell.....Houghton
Supt. John Ralph, Jr.....Hancock
Claim Agt. Harry E. Mathews ..Laurium
Ch. Engr. Wm. B. Latimer....Houghton
Power sta. equip. 1 d. c. Westg. 500 kw; 1 a. c. Westg. 500 kw. 380 v. 3 ph. 25 cys; 1500 hp. e. St. Louis, Brown; 625 hp. b. Kendall; trans. volt. 11.000 v; trolley volt. 600 v; energy also purchased from Houghton County Elec. Lt. Co.
3 sub-sta. tot. cap. 1400 kw; 3 rot., conv. 2 mo. gen.
Power sta. and repair shops at Hancock.
Reaches and owns Electric Park.
32.15 miles (28.24 mi. 1st m t.. 2.88 mi. 2nd m. t., 1 03 mi. sid) 4-8½ g: 23 motor pass., 3 motor service and 13 trail service cars. ★70

IMLAY CITY. 1,200.

(See No. 475.)

IRON RIVER. 2,450.

490—Iron River, Stambaugh & Crystal Falls St. Ry. Co.—Office, First Nat'l Bank Bldg. (System will consist of four different lines radiating from Iron River; division in operation connects Iron River, Stambaugh, Palatka and Gaastra; another line is partly finished to New Caspian, and a third line is projected to the James locations, 2 miles north of town; work on main line to Crystal Falls under way.
Pres., Gen. Mgr. & Pur. Agt.
F. D. Sullivan.....Iron River
V. Pres. G. J. Lange... Eau Claire, Wisc.
Sec. Arthur G. Sullivan.. Madison, "
Treas. Geo. W. Robertson, Eau Claire, "
Audr. Fred Papen..... Iron River
Supt. Jos. C. Hines..... " "
Gen. Fgt. & Pass. Agt.
E. S. Sullivan..... " "
Ch. Engr. C. A. Hutchinson... " "
Ch. Engr. Pwr. Sta.
Chas Branzell..... " "
Engr. M. of W., Daniel Finucan " "
Energy purchased from Peninsular Pwr. Co: 1 d. c. G. E. 150 kw; 1 a. c. West. 150 kw. 2300 v. 3 ph. 60 cys.
Repair shop and car barn at 105 E. Genesee St., Iron River.
About 6 miles in operation; 4-8½g; 5 motor and 1 other car. 67

IRONWOOD. 14,779 (1916).

491—Ironwood & Bessemer Ry. & Lt. Co.—Office, 212 W. 2d St., Ashland Wis. (Absorbed the Gogebic & Iron Counties Ry. & Lt. Co., Ironwood.) (Connects Ironwood and Bessemer, Mich. and Hurley and Gile, Wisc.)
Pres. L. E. Myers
1117 Monadnock Bldg., Chicago, Ill.
V. Pres. L. N. Boisen
1117 Monadnock Bldg., " "
Sec. & Treas. W. H. P. Weston
1117 Monadnock Bldg., " "
Audr. E. J. Shaylor..... Ashland, Wisc.
Dist. Mgr. E. L Hinchliff.....Ironwood
Pur. Agt.
W. J. Hodgkins.....Ashland, Wisc.
Supt. Street Ry., R. L. Boisen.. "
Engr. Pwr. Sta.
R. S. Wilhelm.....Ashland, Wisc.
Engr. Ovhd. Constr. F. F. Keefe "
Power sta. equip. 2 d. c. G. E. tot. 60 kw; 6 a. c. G. E. tot. 2625 kw. 2200 v. ph. 60 cys: 900 hp. e. Allis, W. C, Lane 900 hp. b. Milw, H. S. & G; 750 kw. stm turb. G. E; 3750 kw. (wtr.) turb. Lef Allis-C; trans. volt. 33,000 v; trolley volt 550 v.
2 sub-stas. tot. cap. 500 kw.; 1 rot. conv, 1 mo. gen. set.
Power stas. at Ironwood, Wakefield and Bessemer, Mich., and Saxon, Mellen and Superior Falls, Wis.; repair shops at Ironwood and Bessemer.
12.5 miles; 4 8½ g: 13 motor pass, 1 fgt. motor and 2 fgt. cars. (Company does general lighting and power business.
★50

ISHPEMING. 12,448.

492—Michigan Gas & Elec. Co.—Office, Ishpeming. Gen. office, Monadnock Bldg., Chicago, Ill. (Successor to Marquette County Gas & Elec. Co.) (A subsidiary of the Middle West Utilities Co.) (Connects Ishpeming and Negaunee.)
Pres. L. E. Myers..... Chicago, Ill.
V. Pres. G. W. Hamilton
72 W. Adams St., " "
Sec. Rose McGee,
72 W. Adams St., " "

Treas. O. E. McCormick
72 W. Adams St., Chicago, Ill.
Audr. & Dist. Mgr. J. D. McDougall
215 So. Main St., Ishpeming
Ch. Engr. Joseph DeLucas.... "
M. M. Robt. Strangberg
215 So. Main St., "
Power sta. equip. 2 a. c. turbo-gen. G.E. tot. 1500 kw; 275 hp. e. Ide; 1250 hp. b. Bab. & W; trans. volt. 2300-11,500-13,200 v; trolley volt. 600 v.
Power sta. and repair shops at Negaunee.
Reaches Cleveland Park (leased).
5 miles; 4-8½ g; 5 motor and 6 other cars. Furnishes energy for lighting and power. ★50

JACKSON. 35,868 (1916).

(See also Nos. 488 and 494.)

493a.— Michigan Railroad Co.— Office, 219-223 So. Mechanic St. Jackson. (Leases Grand Rapids, Holland & Chicago Ry. (76 miles.) Also operates high speed line between Kalamazoo and Grand Rapids (58.01 miles); between Allegan & Battle Creek (52.05 miles); Flint, Saginaw and Bay City with a branch to Frankenmuth (48.96 miles.) (Controlled by Commonwealth Power, Railway & Light Co.
Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Prests. { Gen. Mgr. J. F. Collins.....Jackson; Geo. Sprague 14 Wall St., New York, N.Y.
Asst. Gen. Mgr.
H. P. Harrsen.....Grand Rapids
Sec. J. W. Glendening.....Jackson
Treas. & Audr. A. J. Bray..... "
Gen. Audr. H. G. Kessler
c/o Hodenpyl, Hardy & Co.
14 Wall St., New York, N. Y.
Traffic Mgr. F. W. Brown, Grand Rapids
Gen. Pass. & Fgt. Agt.
G. B. Hunt.....Jackson
Audr. Fgt. Accts. J. B. King.... "
Pur. Agt. H. K. Sherman..... "
Ch. Engr. H. D. Sanderson..... "
Supt. Equip. R. C. Taylor.....Albion
Elec. Supt. L. E. Curry.....Jackson
Gen. Roadmaster, F. M. Farley.. "
Supt. Northeastern Div.
R. H. Harris.....Saginaw
Energy purchased from Consumers Power Co.
Repair shops at Saginaw, for the Northeastern Division.
159 miles (overhead & third rail) 4 8½ g; 52 motor pass., 11 trail pass. and 115 other cars. (Includes equipment of Grand Rapids, Holland & Chicago Ry.) ★60

493 — Michigan United Railways Co.—Office, Jackson. (Owns city systems of Lansing, Kalamazoo, Battle Creek and Jackson and interurban roads between Lansing and St. Johns, Jackson and Battle Creek, Kalamazoo and Battle Creek, Jackson and Lansing and Lansing and Owosso.) Controlled by the Commonwealth Pwr. Ry. & Lt. Co.)
Pres. Myron W. Mills.....Marysville
V. Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Pres. & Gen. Mgr.
J. F. Collins.....Jackson
Sec., J. W. Glendening..... "
Treas. & Audr., A. J. Bray..... "
Asst. Secs. & Asst. Treasrs. { S. E. Wolff, New York, N.Y.; G.H.Bourne " "
Energy purchased from Consumers Power Co.; trolley volt. 600 v.
Repair shops at Albion.
Reaches Pine Lake and Waverly Parks, Lansing; Oakwood Park, Kalamazoo; Goguac Park, Battle Creek; Wolf Lake and Vandercook Park, Jackson.
258.25 miles (226.25 mi. 1st m. t., 18.60 mi. 2nd m. t. and 13.40 mi. sid.) Total miles operated 260.93; 4-8½ g trolley; 192 motor pass., 10 trail pass. 8 motor freight, 26 trail freight and 26 motor service cars. (20 motor pass. cars on order.) ★50

KALAMAZOO. 48,886 (1916).

(See also Nos. 492a and 493.)

494—Michigan Railroad Co.—Office, 219-223 So. Mechanic St., Jackson. (Part of Michigan Ry. Co's system) (Leases Grand Rapids Holland and Chicago Ry. (76.48 miles) (Controlled by Commonwealth Pwr. Ry. & Lt. Co.) Connects Allegan, Battle Creek, Bay City, Flint, Grand Rapids, Kalamazoo, Saginaw and intermediate towns.
Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Pres. & Gen. Mgr.
J. F. Collins.....Jackson
Sec. J. W. Glendening.....Jackson
Treas. & Audr. A. J. Bray..... "
Asst. Secs. & Asst. Treasrs. { S. E. Wolff, New York, N.Y.; G.H.Bourne " "
Gen. Audr. H. G. Kessler
c/o Hodenpyl, Hardy & Co., Inc.
14 Wall St., New York, N. Y.
Asst. Gen. Mgr.
H. P. Harrsen.....Grand Rapids
Supt., D. McLaughlin.....Jackson
Traffic Mgr. F. W. Brown..Grand Rapids
Gen. Pass. & Fgt. Agt.
G. B. Hunt.....Jackson
Audr. Fgt. Accts. J. B. King... "
Pur. Agt. H. K. Sherman..... "
Ch. Engr. H. D. Sanderson..... "
Supt. Equipt. R. C. Taylor.....Albion
Elecl. Supt. L. E. Curry.....Jackson
Gen. Roadmaster F. M. Farley... "
Supts. City Lines { A. E. Green.....Kalamazoo; C. L. Custer.....Jackson; J. J. Mahoney.....Battle Creek; R. R. Arney.....Lansing; R. L. Knott..Owosso & Corunna
Energy purchased from Consumers Pwr. Co.
157.53 miles (135.48 mi. 1st m. t., 2.65 mi. 2nd m. t. and 19.40 mi. sid.) trolley and third rail; 36 motor pass., 6 trail pass., 6 trail pass., 10 motor freight, 40 trail freight and 3 motor service cars. (20 trail freight cars on order. ★50

LANSING. 40,498 (1916).

(See No. 493.)

MANISTEE. 12,381.

495—Manistee Ry. Co.— Office, 359 River St. (Connects Filer City, Oak Hill and Manistee.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. Clyde J. Holmes.....Jackson
V. Pres.
W. H. Barthold.....New York, N. Y.
Sec. J. W. Glendening.....Jackson
Treas. A. J. Bray..... "
Asst. Sec. & Asst. Treas.
S. E. Wolff.....New York, N. Y.
Gen. Mgr. C. S. Kressler.....Manistee
Supt. W. A. Scott..... "
M. M., Tonis Olk..... "
Energy purchased from Consumers Power Co.; trolley volt. 550 v.
Repair shops at Manistee.
Owns Orchard Beach Park on Lake Michigan.
7.64 miles: 4-8½ g; 5 motor pass., 8 trail pass. and 6 other cars. 50

MARQUETTE. 15,000 (1918).

496—Marquette City & Presque Isle Ry. Co.
Rec'rs { Pres. Edwin S. Bice.....Marquette; H. S. Gallup..... "

V. Pres. N. M. Kaufman.....Marquette
Mgr. Chas. Retallic..... "
Supt. C. E. Doidge..... "
Ch. Engr. Pwr. Sta. West Paquette, "
Power sta. and repair shops at Presque Isle Ave., Marquette.
Reaches Presque Isle Park.
6 miles; 4-8½ g; 18 cars. 50

MENOMINEE. 10,507.

497—Menominee & Marinette Lt. & Trac. Co.—Office, Menominee. (Connects Menominee, Mich. and Marinette, Wis.)
Pres. Frank A. Spies.....Menominee
V. Pres. G. A. Blesch..... "
Sec. & Gen. Mgr. Edward Daniell "
Treas. Harry J. Brown...Marinette, Wis.
Audr. J. A. Faller.....Menominee
Pur. Agt. Edward A. Golden.. "
Claim Agt. F. J. Trudell.....Minominee
M. M. & Engr. M. of W. Wilfred Bellmere..... "
Power sta. equip. 3 a.c. Westg. G. E. tot. 3700 kw. 3 ph. 60 cys; 6100 hp. turb. (wtr.) Globe Dayton; trans. volt. 33,000 and 2200 v; trolley volt. 550 v.
Power sta. on Menominee River 20 miles from Menominee; repair shops at Menominee, Mich. and Marinette, Wis.; sub-sta. at Menominee.
Owns Lakeside Park, Marinette, Wis.
19.4 miles; 4-8½ g; 23 motor and 25 other cars. (Company does general lighting (gas and elec.) and power business.) ★50

MONROE. 6,898.
(See No. 478.)

MUSKEGON. 26,100 (1916).
(See also No. 488.)

498—Muskegon Traction & Lighting Co.—Office, 36 Morris St. (Connects Muskegon & Muskegon Hts.) (Controlled by the American Lt. & Trac. Co.)
Pres. & Gen. Mgr. Geo. Steinwedell.....Muskegon
V. Pres. John T. Young....Grand Rapids
Sec. & Treas. E. J. Hammer...Muskegon
Gen. Supt., Ch. & Elec. Engr. Walter Eyke..... "
Pur. Agt. Wm. Gage..... "
Claim Agt. H. S. Nelson..... "
M. M., Chris. Dahl..... "
Roadmaster, Chas. Warner..... "
Energy purchased from Consumers Pwr. Co; 2 rot. conv. West. tot. 1250 kw.
Sub-sta. and repair shops at Franklin St. and Michigan Ave.
Reaches & owns Lake Michigan Park.
14.5 miles; 4-8½ g; 50 cars. Company furnishes gas lighting. ★60

NEGAUNEE. 9,416.
(See No. 492.)

OWOSSO. 10,230 (1916).
(See No. 493.)

PONTIAC. 17,524 (1916).
(See No. 480.)

PORT HURON. 18,863.
(See also No. 479.)

499—Grand Trunk Ry. Co. (St. Clair Tunnel Co.)—Office, Port Huron; General office, McGill St., Montreal, Can.
Pres. Howard G. Kelley...Montreal, Can.
Asst. to Pres. D. E. Galloway.. "
V. Pres. W. D. Robb..... "
V. Pres. & Treas., Frank Scott. "
Comptroller, W. H. Ardley..... "
Supt. W. D. Hall.....Port Huron
Gen. Pur. Agt, Geo. W. Caye., Montreal, Can.
1st Engr. Geo. Mellon.....Port Huron
Elecn. A. M. Green.....Sarnia, Ont.
Power sta. equip. 2 a. c. turbo-gen. Westg. tot. 2500 kw. 3300 v. 3 ph. 25 cys; 350 hp. e. A. B. C.; 1600 hp. b. Bab. & W; 3350 hp. turb. Westg; trans. volt. 3300 v; trolley volt. 3300 v. s. ph.
Power sta. at Military St., Port Huron; repair shops at Port Huron, Mich. and Sarnia, Ont.
12 miles (approx.) s. ph. catenary elec.; 4-8½ g; 6 (66-ton) elec. locos. 50

ROCHESTER. 1,516.
(See No. 480.)

ROMEO. 1,787.
(See No. 475.)

SAGINAW. 55,642 (1916).
(See also No. 492a.)

500—Saginaw-Bay City Ry. Co.—Office, 134 S. Washington Ave., Saginaw. (Owns and operates all street railway lines in Saginaw and Bay City and the interurban railway between the two cities.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. B. C. Cobb. 14 Wall St., New York, N.Y.
V. Prests. H. T. Wickes .....Saginaw; J. E. Davidson.....Bay City
Sec. J. W. Glendening.....Jackson
Treas. A. J. Bray..... "
Audr. H. G. Kessler 14 Wall St., New York, N. Y.
Gen. Mgr. J. A. Cleveland.....Saginaw
Gen. Supt., Horace E. Allen..... "
Claim Agt. P. J. Cunningham.... "
Pur. Agt. H. K. Sherman.....Jackson
M. M., W. W. Cook ..... Saginaw
Ch. Engr. R. B. Palmer..... "
Energy purchased from Consumers Pwr. Co.; trolley volt. 550 v.
Repair shops at Saginaw.
Owns Riverside Park on Saginaw River in Saginaw and Wenona Beach Park on Saginaw Bay near Bay City.
63.96 miles (47.56 mi. 1st m. t., and 88 mi. sid.) Total miles operated 67.48; 4-8½ g; 90 motor pass., 2 motor freight and 18 motor service cars. (18 motor pass. cars on order.) ★50

ST. JOSEPH. 5,936.
(See Nos. 292 and 474.)

SAUGATUCK. 621.
(See No. 488.)

SAULT STE. MARIE. 13,919 (1916)

501—Sault Ste. Marie Traction Co. (Formerly Trans-St. Mary's Traction Co.)—Gen. office, Sault Ste. Marie. (Has traffic arrangements with International Transit Company's car and ferry line, Soo, Ont. Connects Sault Ste. Marie, Mich., and Algonquin.) (Controlled by The Lake Superior Corpn.)
Pres. W. C. Franz..Sault Ste. Marie, Ont.
V. Pres. Jas. Hawson " "
Sec. Alex. Taylor Traders Bk. Bldg., Toronto, "
Treas. E. W. Shell..Sault Ste. Marie, "
Audr. F. M. Turnbull " "
Pur. Agt. L. L. Jacobs " "
Gen. Mgr. & Supt. Robert H. Taylor, Jr., " Mich.
M. M. Alex. McCready " "
Energy purchased from Michigan Northern Power Co.; trolley volt. 550 v.
Repair shops at Sault Ste. Marie, Mich.
7.52 miles; 4-8½ g; 8 motor pass., 2 trail pass. and 2 other cars. 79

STAMBAUGH. 1700.
(See No. 490.)

MINNESOTA.

ANOKA. 3,972.

(See No. 508.)

BRECKENRIDGE. 1,840.

(See also No. 1165.)

502—Wahpeton-Breckenridge St. Ry. Co.—Office, Breckenridge, P. O. Box 251. (Connects Wahpeton, N. D., and Breckenridge, Minn.)
Pres. Math. Braun.....Wahpeton, N. D.
V. Pres. Frank Miksche....Breckenridge
Sec. E. H. Elwin..... "
Treas. R. T. Barber.....Wahpeton, N. D.
Gen. Mgr., & Pur. Agt.
Peter Schmitt..... Breckenridge
M. M., Henry Achter..Wahpeton, N. D.
Energy purchased from Otter Tail Pwr Co., Wahpeton, N. D.; 2 d. c. G. E. tot. 150 kw; trans volt. 2200; trolley volt. 550 v.
Repair shops at Breckenridge.
Reaches Island Park.
1.144 miles; 4-8½ g; 2 motor cars. ★70

DULUTH. 94,495. (1916.)

503—The Duluth St. Ry. Co.—Office, 2631 W. Superior St. (Operates all street railway lines in Duluth, Minn., and Superior, Wis. and reaches the following suburbs: Riverside, Smithville, Morgan Park, Gary and New Duluth.) (On Sept. 1, 1917, acquired the property of the Park Point Traction Co.) (Owned by Duluth-Superior Trac. Co.)
Pres. A. M. Robertson .....Minneapolis
V. Pres. & Gen. Mgr.
Herbert Warren.....Duluth
Sec. & Treas. S. L. Reichert..... "
Audr. W. Dwyer..... "
Div. Supts. } H. H. Brown..... "
Supts. } Alfred Williams.....Superior
Pur. Agt. Otis Birdsall .....Duluth
Claim Agt. R. H. Wellington..... "
Ch. Engr. & Elec'l Engr. J. Carson. "
M. M., R. J. Crawford ..... "
Roadmaster, Thos. A. Armstrong "
Energy purchased from Great Northern Power Co.; trans. volt. 30,000 v; trolley volt. 600 v.
Repair shops at 26 Ave. W. & Superior St., Duluth, Park Point and 4th St. & Ogden Ave., Superior, Wis.
Reaches Lester, Chester, Congdon, Lincoln and Fairmount Parks and Park Point in Duluth, and Billings City Park in Superior.
104.09 miles; 4-8½ g; 159 motor pass. and 19 other motor cars. ★50

505—The Duluth-Superior Traction Co—Office, 2631 W. Superior St. (This is a holding company, and owns and controls the Duluth St. Ry. Co., Superior Rapid Transit Co., Lakeside Ry. Co. and Motor Line Co.)
Chmn. of Bd.
A. E. Ames ..... Toronto, Ont. Can.
Pres. A. M. Robertson.....Minneapolis
V. Pres. & Gen. Mgr.
Herbert Warren.....Duluth
Sec. & Treas. S. L. Reichert..... "
50

HASTINGS. 3,983.

(See No. 513.)

HIBBING. 16,412 (1916)

(See No. 515.)

MANKATO. 10,365.

507—Mankato Elec. Trac. Co.—Office, 1101 No. Broad St. (Owned and operated by Mississippi Valley Elec. Co., Iowa City, Ia.)
Pres. J. O. Schulze.....Iowa City, Iowa
V. Pres. & Treas, J. H. Rohret " "
Sec. F. N. Sueppel..... " "
Supt. & Pur. Agt. A. Mueller....Mankato
M. M., R. S. Williamson..... "
Energy purchased from Northern States Power Co; trolley volt. 550 v.
Repair shops at 1101 No. Broad St.
5.3 miles; 4-8½ g; 7 motor cars. ★50

MAVIE.

(See No. 514.)

MINNEAPOLIS. 363,454 (1916).

508—Minneapolis, Anoka & Cuyuna Range Ry. Co.—Office, 4200 Washington Ave., No. Gen. Office Anoka. (Connects Minneapolis and Anoka.)
Pres. C. P. Bratnober..... .....St. Paul
1st V. Pres. ——— ———
2d V. Pres. H. L. Bratnober
Sec. H. H. Stevens..... ....Minneapolis
Treas. F. H. Stevens..... "
Compt. H. J. Draheim
Pills and Terr Rd., St. Paul
Audr., Gus Peterson.....Anoka
Gen. Mgr. A. E. Appleyard...Minneapolis
Supt. & Pur. Agt. A. A. Kronhold..Anoka
Gen. Fgt. & Pass. Agt. L. J. Ebert.St. Paul
Elec. Engr. M. M. & Engr. Pwr. Sta.
Edward Marander.....Anoka
Energy purchased from Minneapolis Gen. Elec. Co.
2 sub-stas. tot. cap. 600 kw; 2 rot. conv.
Car barns and repair shops at Anoka.
19.21 miles (3.77 miles leased); 4-8½ g; 7 motor pass., 1 other motor and 4 other cars; 1 elec. loco. ★50

509—Minneapolis, Northfield & Southern Ry.—Office, 7th St. & 3rd Ave., No. Minneapolis. (Formerly Minneapolis, St. Paul, Rochester & Dubuque Elec. Trac. Co.) (Connects Minneapolis, St. Louis Park, Savage, Lakeville, Eureka Center, Northfield and intermediate points.)
Pres. Jas. H. Ellison .....Minneapolis
V. Pres. H. A. Whittier.....Northfield
Sec. R. H. Benham.....Minneapolis
Treas. W. O. Winston..... "
Audr. E. Graham..... "
Gen. Mgr. M. J. Dooley..... "
M. M.,
W. H. Krumplemann..... "
Roadmaster
E. L. Norton .....Northfield
Repair shops at 60th St. & Nicollet Ave.
60 miles; 4-8½ g; 4 mo. pass., 2 trail pass., and 16 other cars. ★50

510—Twin City Rapid Transit Co.—Gen. office, 11th Street and Hennepin Ave., Minneapolis. (Controls the Minneapolis Street Ry. Co., The St. Paul City Ry. Co. and The Minneapolis & St. Paul Suburban R. R. Co). (Connects Minneapolis, St. Paul, Stillwater, Excelsior and Lake Minnetonka.) (The Transit Supply Co., Minnetonka & White Bear Navigation Co., and The Rapid Transit Real Estate Corp. are identified with same interests.)
Pres. Horace Lowry.....Minneapolis
Sec. to Pres. J. F. Murray.... "
1st V. Pres. E. W. Decker.... "
2d V. Pres. J. R. Mitchell.....St. Paul
3d V. Pres. & Sec.
A. M. Robertson..... Minneapolis
Gen. Mgr. Foster Hannaford.. "
Sec. to Gen. Mgr.
G. W. Martin..... "
Gen. Counsel W. D. Dwyer.... "
Treas. E. A. Crosby..... "
Audr. D. J. Strouse..... "
Actg. Gen. Supt.
Donald Goodrich ..... "

Sec. to Actg. Gen. Supt.
W. A. Wiggins.....Minneapolis
Div. Supt. C. B. Goodsell.....St. Paul
Actg. Div. Supt.
F. R. Bjorck.....Minneapolis
Claim Agts. { Minneapolis. Div. B.F.Winders / St.Paul Div. C. E. Corbett
Gen. Pass. Agt.
W. O. Clure.....Minneapolis
Pur. Agt. Wm. Whiteford.....St. Paul
Engr. Pwr. & Equip.
E. H. Scofield.....Minneapolis
Engr. of Pwr. Sta.
Geo. Caywood..... "
M. M., W. J. Smith.....St. Paul
Engr. M. W., Geo. L. Wilson..Minneapolis
Sched. Supt. H. W. Ralph.... "
Park Supt. P. J Metzdorf.....St. Paul

Power sta. equip. 6 a. c. turbo-gen. G. E. tot. 75,000 kva. 13,200 v. 3 ph. 35 cys; 15,400 hp. b. Bab. & W; trans. volt 13,200 v. trolley volt. 600 v.

15 sub-stas. (1 with auto control) tot. cap. 51 900 kw. 39 rot. conv.

Power sta. at 6th Ave. S. E. & Mississippi River, Minneapolis; repair shops at Snelling & University Aves., St. Paul.

Owns Wildwood Park on White Bear Lake. Reaches all principal lakes and parks of the Twin Cities, also Lake Minnetonka, White Bear Lake and the St. Croix River.

452.6 miles; 4-8½ g; 1047 motor and 65 other cars. (9 steamboats on Lake Minnetonka). ★50

510a—Water Works Filtration Ry. (Munic.)—Office, City Hall. (Extends from 36th Ave. N. E. and Central Ave. to City Filtration Plant; connects with "Soo" Ry. outside of city limits. Carries employees and supplies of the City WaterWorks Dept. to Filtration Plant.)
City Engr. F. W. Cappelen..Minneapolis
Engr. in Charge W. N. Jones "
Pur. Agt. A. S. Alexander.... "

Energy purchased from Twin City Rapid Transit Co; trolley volt. 550 v.

Repair shops at Filtration Plant.

1.583 miles; 4-8½ g; 1 comb. pass. and freight motor car. 50

ST. CLOUD. 11,817 (1916).

511—St. Cloud Public Service Co.—Office, 507 St. Germain St. (Purchased and consolidated the following companies: Union Power Co., The Public Service Co. and Granite City Ry. Co.)(Leases St. Cloud Wtr. Pwr. Co.) (Connects East St. Cloud, Waite Park and Sauk Rapids with St. Cloud.)
Pres. A. G. Whitney.....St. Cloud
V. Pres. Sec & Audr. C. A. Slaney "
Treas. Wheelock Whitney..... "
Supt. Ry. W. N. Bethel..... "
Elec. Supt. A. L. Brownell.... "
Elec. Engr. George Marvin.... "

Power sta. equip. 3 d. c. Tri. Sprague, tot. 450 kw; 9 a. c. G. E, Allis-C. tot. 3850 kw. 2400 v. 3 ph. 60 cys; 1000 hp. b. Heine; 1750 kw. turb. (stm.) Allis-C; 2100 hp. wtr. turb. Smith, Lef. Allis-C: trans. volt. 16,500 v; trolley volt. 550 v.

Power stas. and repair shops at St. Cloud.

Reaches Athletic Park, and Waite Park dancing and swimming pavilion.

10 miles; 4-8½ g; 20 mo. pass. and 6 trail pass. cars. (Sells energy for lighting and power.) 50

ST. PAUL. 247,232 (1916).

(See also No. 510)

512—Great Northern Ry. Co. (Cascade Tunnel.)—Office, 175 East 4th St., St. Paul. (Company has electrified road (2.7 miles) through Cascade Mts. in Washington.)
Pres. Ralph Budd .....St. Paul
V. Prests. { Traffic. W. P. Kenney, St. Paul / Operation, C.O. Jenks " / Gen. Counsel, E. C. Lindley ..... "
Sec. & Treas., F. S. Pretzold.... "
Compt. G. H. Hess, Jr..... "
Gen. Mgrs. { F. Bell..... / J. H. O'Neill. Seattle, Wash.
Pur. Agt. F. A. Bushnell.....St. Paul
Claim Agt. J. A. Nelson..... "
Fgt. Traf. Mgr. G. H. Smitton... "
Pass. Traf. Mgr. C. E. Stone.... "
Ch. Engr. A. H. Hogeland..... "
Signal Engr. C. E. Dunham..... "
Engr. M. of W., J. R. W. Davis.. "

Power sta. equip. 2 d. c. G. E. tot. 250 kw; 3 a. c. G. E. tot. 6000 kw. 6600 v. 3 ph. 25 cys; 12,000 hp. wtr. turb. Platt; trans. volt. 33,000 v; trolley volt. 6600 v. 3 ph.

Power sta. on Wenatchie River 2.5 miles west of Leavenworth, Wash; repair shops at Cascade Tunnel.

6.5 miles elec.; 4-100 ton 3 ph. a. c. elec. locos. ★50

513—St. Paul Southern Electric Ry. Co.—Receiver appointed Feb. 28, 1918.—Office, Hastings. (Connects St. Paul, South St. Paul, Inver Grove and Hastings.)
Receiver, E. E. Tuttle.....Hastings
Pres. Irving Todd, Jr..... "
V. Pres. Otto Ackerman..... "
Sec., Treas., Supt. & Pur. Agt. R. M. La Belle..... "
Audr. Con. P. Kuckler..... "
Gen. Mgr. ——
Elec. Engr. & M. M. Louis Hoffman.....St. Paul
Ch. Engr. Pwr. Sta. P. E. Sievert.....Pine Bend
Eng. M. of W. Gust Johnson....Hastings

Energy purchased from River Falls Pwr. Co.; 1 d. c. West. 300 kw. 1 rot. conv. West. 300 kw; trans. volt. 33,000 v; trolley volt. 600 v.

Sub-sta. at Pine Bend; repair shops at Inver Grove.

125 miles projected; 17.54 miles in operation; 4-8½ g; 4 motor pass. cars and 1 other car. (Extension from Hastings to White Rock, 23 miles, under construction.) 70

SILVERTON.

(See No. 514.)

THIEF RIVER FALLS. 3,714.

514 — Minnesota Northwestern Elec. Ry. Co.—Office, Cor. Second & Labree Aves., Thief River Falls. (Operates from Thief River Falls through Silverton and Mavie to Goodridge.)
Pres. & Treas. Daniel Shaw .....Thief River Falls
V. Pres. D. N. Winton, 954 Security Bldg., Minneapolis, Minn.
Sec., Gen. Mgr. & Pur. Agt. H. W. Protzeller.....Thief River Falls
Audr. E. M. Schutt..... " "
Supt. of Mot. Pwr. W. R. Patterson..... " "

Repair shops at Thief River Falls.

19.87 miles: 4-8½ g; 1 gas-elec. car. (Does freight business.) 50

VIRGINIA. 15,193 (1916).

515—Mesaba Ry. Co.—Office, Virginia. (Connects Virginia, Hibbing, Eveleth, Chisholm, Mountain Iron, Gilbert, Kinney, Buhl and Genoa.)
Pres. Oscar Mitchell. Atworth Bldg., Duluth
V. Pres. Robert W. Watson 55 Liberty St., New York, N. Y.

Sec. Agnes Carmody
1200 Atworth Bldg., Duluth
Treas. Lester E. Flint
53 State St., Boston, Mass.
Audr. & Pur. Agt.
Jay O. Bergeson.....Virginia
Supt. L. W. Hayes..... "
Claim Agts.
Washburn, Bailey & Mitchell
1200 Atworth Bldg., Duluth
Car House Foreman
P. N. Skjerve.....Virginia
Roadmaster, Charles E. Lahli... "
Engr. Ovhd. Constr.
Otto J. Vagts..... "

Energy purchased from Great Northern Pwr. Co; trans. 22,000 v; trolley volt. 725 v. Power sta. at Virginia, leased to Great Northern Power Co.

1 sub-sta.; 2 mo. gen.

Repair shops at Virginia.

36.5 miles (35 mi. 1st m t., 1.5 mi. sid.); 4-8½ g; 10 motor pass., 6 trail pass., 2 motor freight, 1 motor service and 14 trail service cars. ★50

WINONA. 18,583 (1916).

516—Wisconsin Ry., Lt. & Pwr. Co.—1408 First National Bank Bldg., Milwaukee, Wis. (Successor to the Winona Ry. & Lt. Co., and owns and operates the former property of the La Crosse City (Wis.) Ry. Co. and the La Crosse Wtr. Pwr. Co.)

Pres. Clement C. Smith..Milwaukee, Wis.
V. Pres. & Gen. Mgr.
J. P. Pulliam..... " "
V. Pres. R. M. Howard.....Winona
Sec. Howard Greene.....Milwaukee, Wis.
Treas. H. C. Mackay..... " "
Asst. Sec. W. M Chester. " "
Asst. Treas. S. M. Rothermel.....Winona
Supt. Ry., C. Hedges..... "
Ch. Engr. Chas. A. Ewing..Milwaukee, Wis.
Supt. Elec. Dept. Geo Benton. Winona "
Ch. Engr. Pwr. Sta.
E. H. Kirshner..... " "

Pwr. sta. equip: 2 d. c. G. E. tot. 400 kw; 6250 kva. stm. turb. Allis-C., 1500 kw. stm. turb. G. E.: tot. 4800 kw. wtr. turb. G. E.-Allis-C; distribn. volt. 4000-2300 v; trans. 44,000 v. 3 ph. 60 cys; trolley volt. 575 v

Hydro-Elec. sta. at Hatfield; steam reserve sta. at Winona; transmission lines to La Crosse, Wis. and Winona, Minn.

Repair shops at Winona.

7.5 miles; 4-8½ g; 15 motor cars. Company does lighting and power business in Winona and Onalaska. ★50

MISSISSIPPI.

BILOXI. 9,670.

(See No. 519.)

COLUMBUS. 10,561 (1916).

517—Columbus Ry., Lt. & Pwr. Co.—Office, 512 Main St.
(Railroad service discontinued.)
Pres. R. T. Fant..... .....Memphis, Tenn.
V. Pres. L. K. Salsbury " "
Sec. & Treas. R. B. Claggett, Greenville
Gen. Mgr. D. T. Gaston..... Columbus
Ch. Engr. Pwr. Sta. R. K. Anderson
15th St., South "

Power sta. equip. 1 d. c. G. E. 250 kw; 3 a. c. turbo-gen. G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; 1450 hp. e. H. F. & M, G. E; 1500 hp. b. Keeler, Bab. & W; trans. volt 2300 v; trolley volt. 600 v.

Power sta. at 15th St. So.

Repair shops at 2d Ave., So. ★70

GREENVILLE. 10,846 (1916).

518—Delta Light & Traction Co.—(Successor to Delta Elec. Lt., Pwr. & Mfg. Co.) Office, Greenville.
Pres. F. N. Robertshaw .....Greenville
V. Pres. L. K. Salsbury.
1209 Central Bk. Bldg. Memphis, Tenn.
Sec. & Treas. R. B. Claggett...Greenville
Audr. H. H. Harris.....Memphis, Tenn.
Supt. & Pur. Agt. E. J. Lenz...Greenville
Ch. Engr. E. M. Foster..... "
Elec. Engr. Paul Aurswald.... "
M. M. John Fisher..... "

Power sta. equip. 1 d. c. G. E., 100 kw. 550 v. 2 a. c. G. E, West. tot. 550 kw. 2300 v. s. & 3 ph. 60 cys; 1 turbo-gen. West 470 kva; 1 rot. conv. kw; 200 hp. e. Rus.; 1200 hp. b. Vogt; 1470 kw. stm. turb. Westg. G. E.; trans. volt. 2300 v; trolley volt. 500 v.

Power sta. and repair shops at Greenville.

Reaches park.

7.75 miles; 4-8½ g; 11 motor cars. (Co. does general lighting and power business.) 70

GULFPORT. 6,386.

519—Gulfport & Mississippi Coast Traction Co.—(Purchased street railway and lighting plant of the Gulfport Development Co. and Biloxi Elec. Ry. & Pwr. Co.) (Connects Biloxi, Beauvoir, De Buys, Mississippi City, Gulfport, Long Beach, Harborview and Pass Christian.)

Pres. W. T. Stewart.....Gulfport
V. Pres. J. A. Van Cloostre..... "
Sec. & Treas. J. C. Simpson..... "
Audr. J. H. Beeman ..... "
Gen. Mgr. & Pur. Agt.
William A. Sullivan..... "
Supt. Transp. A. C. Scott ..... "
Claim. Agt. W. A. White..... "
Elec. Engr. W. H. Pelaez..... "
Ch. Engr. Pwr. Sta. E. W. Crispen "
M. M., P. A. Engelhardt..... "

Power sta. equip. 2 a. c.. G. E., Westg. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 2000 hp. b. Bab. & W; 4500 hp turb. G. E. West; trans. volt. 13,200 v; trolley volt. 600 v.

Power sta. at Gulfport; repair shops at Gulfport and Biloxi.

30 miles; 4-8½ g; 18 motor pass and 2 trail pass. cars; 2 elec. locos. (Co. furnishes energy for lighting.) 79

HATTIESBURG. 16,482 (1916).

520—Hattiesburg Traction Co.—Office, 112 Pine St. (Controlled by the Meridian Lt. & Ry. Co., which in turn is controlled by the Cities Service Co., 60 Wall St., New York City.)
Pres. Frank W. Frueauff..New York, N. Y.
V. Prests. { H. H. Scott..... " "
Gen. Mgr. & Pur. Agt.
H. F. Wheeler..Hattiesburg
Sec., Treas. & Audr. H. McDavid, "
Ch. Engr. Pwr. Station
C. E. Wainwright..... "
M. M., F. R. Hansen..... "

Power sta. equip. 3 a. c. West., Allis-C. total 2075 kva. 2200 v. 3 ph. 60 cys.; 1025. hp. b. Heine, A. & T.; 1000 kw. turb. (steam) West.

1 rot. conv. and 1 mot. gen.

Power sta. and repair shops at Hattiesburg.

8.5 miles; 4-8½ g; 13 passenger and 2 other cars. ★60

JACKSON. 29,737 (1916).

521—Jackson Lt. & Trac. Co.—Office, 504 E. Capitol St. (Controlled by the American Public Utilities Co.)
Pres. Joseph H. Brewer,
Svg. Bk. Bldg., Grand Rapids, Mich.
Sec. Blaine Gavett..... "

Treas. Willis J. Ripley.
Grand Rapids, Mich.
Gen. Audr. R. L. Aage.. "
Gen. Mgr. & Pur. Agt.
Albert Clabaugh..... Jackson
Supt. J. W. Browne..... "
Ch. Engr.
L. B. Andrus.....Grand Rapids, Mich.
Engr. Charge of Operation
C. W. Beck.....Jackson
Ch. Engr. Pwr. Plant
J. Ross Sharp..... "

Power sta. equip: 3 d. c. G. E. tot. 750 kw; 3 a. c. turbo-gen. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1559 hp. b. Stirling, Bab. & W; trans. volt. 2300 v; trolley volt. 600 v.

Power sta. and repair shops at Tombigbee & Commerce Sts.

13.5 miles; 4-8½ g; 20 motor cars. Company furnishes electric and gas lighting. ★50

LAUREL. 11,779 (1916).

523 — Laurel Lt. & Ry. Co.—Office, Laurel. (Connects Laurel and Ellisville.)
Pres. Guy M. Walker
60 Broadway, New York, N. Y.
Ass't to Pres. Ray M. Walker " "
Sec., Treas. & Mgr. S.M. Jones....Laurel
Audr. J. J. Mundell..... "

Power sta. equip. 2 d. c. G. E., Allis-C tot. 500 kw; 3 a. c. G. E, Allis-C, tot. 1500 kw. 2300 v. 3 ph. 60 cys: 300 hp. e. F. & S; 1200 hp. b. Stirling; 1300 kw. stm. turb. Allis-C; trans. volt. 13,000 v; trolley volt. 650 v.

Power sta. and repair shops at Laurel.

Reaches park half way between Laurel and Ellisville.

14 miles 4-8½ g; 11 motor and 3 other cars. (Company does general lighting and power business.) 78

MERIDIAN. 23,285.

522—Meridian Lt. & Ry. Co.—Office, 8th St. & 22nd Ave. (Controls the Hattiesburg Trac. Co. and is itself controlled by the Cities Service Co., 60 Wall St., New York City.)
Pres. Henry L. Doherty,
60 Wall St., New York, N. Y.
V. Pres. F.W.Frueauff " "
2d V. Pres. & Gen. Mgr.
Wm. B. Malone.....Meridan
Sec. & Treas. L. H. Archer..... "
Supts. { Ry. Ira H. McArthur.. "
Supts. { Ltg. H. K. Baker..... "
Claim Agt. C. M. Wright..... "
Ch. Engr. Pwr. Sta.,
O. C. Thigpin..... "
M. M., J. F. Fullenwider..... "
Roadmaster, J. T. Merrill..... "

Power sta. equip. 1 d. c. C.-W. 500 kw. 550 v; 3 a. c. G. E. tot. 4720 kw. 2300 v. 3 ph. 60 cys; 1 rot. G. E. 600 kw; 1775 hp. e. Heine Stirling; 2250 hp. b. Heine, Bab & W; 4000 hp. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. at 2nd St. & 27th Ave.; repair shops at 34th Ave. & 9th St.

Reaches Highland Park.

13.12 miles; 4-8½ g; 23 motor and 15 other cars. (Company furnishes lighting and power.) ★70

SCRANTON. 2,025.

VICKSBURG. 22,816 (1916).

526—Vicksburg Lt. & Trac. Co.—Office, Vicksburg. (Connects Vicksburg and Walters.) (Owned and operated by Union Utilities Co., which is owned by Elston & Co., Chicago, Ill.)
Pres. I. C. Elston, Jr.
1412 N. Y. Life Bldg., Chicago
V. Pres. and Treas. Joseph N. McCallum
New York Life Bldg., Chicago, Ill.
Sec. C. S. Johnson. " "
Gen. Mgr. E. S. Myers.....Vicksburg
Supt. of Ry. J. D. Dugan..... "
Sup. New Bus. Dept. A. C. Jones "
Pur. Agt. T. J. Head..... "
Ch. Engr. Pwr. Sta. F. C. Rice.. "
M. M. J. I. Anderson..... "
Engr. Ovhd. Constr.
R. H. Countryman ..... "

Power sta. equip. 2 d. c. G. E. tot. 500 kw; 3 a. c. turbo-gen. G. E. tot. 2750 kw. 2300 v. 3 ph. 60 cys; 1500 hp. b. Stir, Heine; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shops at Pine St. Reaches Baseball and Suburban Parks.

11 miles; 4-8½ g; 20 motor pass. and 2 other motor cars. (Co. furnishes energy for lighting.) ★50

MISSOURI.

BOBRING. 75.

(See No. 538).

BONNE TERRE.

(See No. 531.)

CAPE GIRARDEAU. 10,775 (1916)

528—Cape Girardeau-Jackson Interurban Ry. Co.—Office, 400 B'way, Cape Girardeau. (Leased to and operated by the Light & Development Co. of St. Louis.)
Pur. Agt. H. M. Patton...Cape Girardeau
Gen. Mgr. E. A. Hart..... " "
M. M. & Roadmaster
M. M. McLain..... " "

Power sta. equip.: 2 d. c. Westg. tot. 200 kw; 300 hp. e. Fulton, Cor, Chuse; 300 hp. b. O'Br; trolley volt. 600 v. Energy also purchased from Missouri Public Utilities Co.

Power sta. and repair shops at 506 Main St.

Reaches amusement park.

5 miles; 4-8½ g; 9 motor and 3 other cars. 70

CARROLLTON. 3,453.

529—Water Light & Transit Co.—Office, Folger & 1st Sts., Carrollton.
Pres. S. J. Jones .....Carrollton
V. Pres. T. L. West..... "
Sec. Geo. J. Allen..... "
Treas. O. J. Shinn..... "
Gen. Mgr. & Pur. Agt.
H. A. Spradling..... "
Ch. Engr. F. McDonald..... "

Power sta. equip. 2 d. c. Allis-C. Nord. tot. 1350 kw; 3 a. c. Allis-C., Burke tot. 1350 kva. 2300 v. 3 ph. 60 cys: 800 hp. b. Mur.. Bab. & W; stm. turb. Allis-C 96 amp. per terminal; trans. volt. 13,500 v; trolley volt. 550 v.

Power sta. at South West Carrollton; repair shops at Carrollton car barn.

Amusement park, owned by company, under construction.

1.6 miles; 4-8½ g; 3 motor pass. and 3 motor freight cars. (Company does general lighting and power business.) ★50

CASSVILLE. 781.

530 — Cassville & Western R. R. Co.—Office, Cassville. (Connects Cassville and Exeter.)
Pres. S. M. Mitchell.....Cassville
V. Pres.
O. H. Orendorff, Eureka Springs, Ark.
Sec. W. T. Ayres.....Cassville
Treas. C. M. Robe-on.....Neosho
Audr. S. C. Mitchell.....Cassville

Gen. Mgr., Pur. Agt. & Ch. Engr. L. B. Mitchell.....Cassville
Gen. Fgt. & Pass. Agt. W. T. Priest "
Power sta. equip. 1 d. c. Ideal 300 kw; 200 hp. e. Ideal; 250 hp. b. U. I. W; trolley volt. 600 v.
Power sta. and repair shops at Cassville. Controls Electric Park.
5 miles; 4-8½ g; 2 motor and 2 other cars. 67

EXETER. 375.

(See 530.)

FARMINGTON. 2,618.

531—St. Francois County R. R. Co. Office, Bonne Terre. (Connects Flat River on the north with De Lassus on the south, passing through Esther and Farmington.)
Pres. M. P. Cayce.....Farmington
V. Pres. & Gen. Mgr. F. J. Thomure.....Bonne Terre
Sec. & Treas. F. H. Dearing.. "
Audr. G. A. Nees..... "
Gen. Atty. Edw. A. Rozier...Farmington
Asst. Gen. Atty. Politte Elvins.....Bonne Terre
Supt. Richard Doyle, ... "
Gen. Fgt. & Pass. Agt. C. M. Swan..... "
Asst. Pur. Agt. R. C. Deggendorf..... "
Power sta. equip. 2 d. c. W. E. tot. 300 kw; 450 hp. e. Chuse; 450 hp. b. Brnl. O'Br; trolley volt. 550 v.
Power sta. and repair shops at Farmington.
10 miles; 4-8½ g; 4 motor cars and 1 other car. (Has freight traffic arrangement with Missouri-Pacific, Illinois Southern Ry. and Mississippi River & Bonne Terre Ry.) 50

HANNIBAL. 21,836 (1916).

532—Hannibal Ry. & Elec. Co.—Office, W. Market St. (Successor to Hannibal Traction Co.) (Operates in Hannibal.)
Pres. Wm. Mainland.....Oshkosh, Wis.
V. Pres. & Treas. Sinclair Mainland..... "
Sec., Gen. Mgr. & Pur. Agt. S. Mainland.....Hannibal
Supt. Elec. Engr. & M. M. Peter Swartz ....Hannibal
Roadmaster J. R. Williams..... "
Energy purchased from Hannibal Munic. Plant; rotary converter, G. E. 200 kw. 575 v. 3 ph; trans. volt. 550 v; trolley volt. 575 v.
Repair shops at Oakwood.
Reaches Baseball Park in Oakwood.
6.5 miles (6 mi. 1st m. t., 0.5 mi. sid.); 4-8½ g; 13 motor pass. and 2 trail service cars. ★60

INDEPENDENCE. 11,672 (1916).

(See No. 536.)

JEFFERSON CITY. 13,494 (1916).

533 — Jefferson City Bridge & Transit Co.—Office, 101 E. High St., Jefferson City. (Connects Jefferson City, South Cedar City and North Jefferson.) (Part of Illinois Traction System.)
Pres. Geo. M. Mattis... .....Peoria, Ill.
V. Pres. Thos. L. Price....Jefferson City
Sec. & Treas. George R. McComb....Champaign, Ill.
Audr. B. E. Bramble.... " "
Actg. Gen. Supt. H. S. Kilby.....Jefferson City
Supt. H. J. Hallerorth..... " "
Pur. Agt. H. J. Vance.....Peoria, Ill.
Energy purchased from Jefferson City Lt., Ht. & Pwr. Co.; trans. volt 550 v.
Reaches Houchins Driving Park and State Park.
7 miles; 4-8½ g; 12 motor cars and 1 other car. ★50

JOPLIN. 32,216.

(See Nos. 341 and 552.)

KANSAS CITY. 297,847 (1916).

(See also Nos. 280, 337 and 341.)

534—Blue Valley Ry.—Office, 520 Railway Exchange Bldg. (Will connect Kansas City, Leeds and Swope Park.)
Pres. Alex Massey 514 Bryant Bldg., Kansas City
V. Pres. P. G. Walton New England Natl. Bank, "
Sec. & Treas. B. J. Hickman Scarrett Bldg., "
Elec. Engr. F. W. Wallenhaupt.....Independence
Ch. Engr. D. W. Pike.....Kansas City
Energy purchased from The Kansas City Rys. Co.
Reaches Blue River Park (controlled).
1.25 miles in operation; 4-8½ g; 2 cars. 59

535—Kansas City, Clay County & St. Joseph Ry. Co. (The Mo. Shore Line)—Office, 530 Railway Exchange. (Controls St. Joseph Elec. Co., 53 miles in St. Joseph, Mo.) (Connects Kansas City, Liberty, Excelsior Springs and St. Joseph.)
Pres. Allen G. Hoyt....New York, N. Y.
V. Pres. & Gen. Mgr. Robert P. Woods.....Kansas City
Sec., Treas. & Audr. W. S. Tuley..... "
Gen. Supt. Chas. W. Ford... "
Pur. Agt. E. T. Rowland..... "
Claim & Gen. Pass. Agt. R. S. Mahan..... "
Gen. Fgt. Agt., J. F. Holman "
Signal Engr. L. U. Brunner.....No. Kansas City
M. M., C. W. Day ..... "
Roadmaster, Geo. Wagner... "
Supt. Ovhd. Constr. Jos. Watts. "
Energy purchased from Kansas City Rys. Co.; West. transf; trans. volt. 33,000 v. a. c; trolley volt. 1200 v. d. c.
3 sub-stas. tot. cap. 3000 kw; 6 rot. conv., Repair shops at North Kansas City, Mo.
68 64 miles; 4-8½ g; (operates 80 miles including terminals of City Cos.) 20 motor pass. 5 exp. motor. 9 box frt. and 11 other cars. 1 Amer. Hoist & Derrick Co. elec. ditcher; 1 elec. loco. ★50

536—The Kansas City Rys. Co.—Office, 1500 Grand Ave. (On Feb. 15, 1916 assumed operation of all properties heretofore owned by the Metropolitan St. Ry. Co., The Kansas City Elev. Ry. Co., Central Elec. Ry. Co. and Kansas City & Westport Belt Ry. Co. Controls all lines of street railway in Kansas City and Rosedale, Kansas, Independence and Kansas City, Missouri and suburbs.)
Pres. Philip J. Kealy.....Kansas City
Gen. Counsel, Richard J. Higgins "
Sec. & Treas. J. A. Harder.... "
Audr. Neal S. Doran..... "
Asst. Audr. Walter E. Anderson..... "
Gen. Mgr. F. G. Buffe..... "
Asst. Gen. Mgr. Kansas Prop. R. W. Bailey..... "
Claims Atty. W. C. Swisher..... "
Pur. Agt. E. E. Stigall..... "
Supts. { Empl. W. W. Stephens... "
Pwr. W. E. Rolston..... "
Transp. D. L. Fennel..... "

Engrs. { Ch. of Way & Struct. A. E. Harvey..... Kansas City
Way & Struct. H. W. Smith..... "
Elec. S. H. Grauten..... "
Equip. Henry S. Day.... "
Distrbn. C. A. Kincade... "
Supwr. Insp. & Maint. W. C. Harrington..... "

Pwr. sta. equip; 7 a. c. G. E., West. tot. 59,000 kw. 6600 v. 3 ph. 25 cys; 9000 hp. e. Allis-C; 27,620 hp. b. Bab. & W; 50,000 kw. stm. turb. G. E., West; trans. volt. 6600 v; trolley volt. 600 v.

14 sub-stas. (4 with auto. cont.) tot. cap. 34,000 kw; 26 rot. conv.

Power stas. at 2nd & Grand Sts., Kansas City.

Repair shops at 9th & Brighton Sts., Kansas City.

Reaches Fairmount Park, Electric Park and Swope Park.

311.585 miles (136.46 mi. (double track) 1st m. t., 22 574 mi. (single track) 2 nd m. t., 16.019 mi. sid.); 4-8½ g; 755 motor pass., 23 trail pass. and 99 service cars; 2 elec. locos. (Sells energy for lighting.) ★60

KANSAS CITY. 91,658.

(See also No. 536.)

536a—Kansas City, Lawrence & Topeka Elec. R. R. Co.—General office, 303 Victor Bldg., Kansas City. (Connects Kansas City, Rosedale, South Park, Merriam, Hockers Grove, Shawnee Monravia, Aldens, Golf Links, Zarah and E. Zarah.)

Receiver P. W. Gobel, Kansas City, Kans.
Pres. & Pur. Agt. F. P. Dickson.....Kansas City, Mo.
V. Pres. D. B. Johnson .Merriam, Kans.
Sec. & Treas. W. S. Hocker..... Kansas City, Mo.
Supt. W. K. Paul.....Merriam, Kans.

Power sta equip. 2 d. c. Burke. tot. 400 kw; 500 hp. e. (gas) Weber; trolley volt. 550 v.

Energy purchased from Kansas City Railways Co.

Power sta. and repair shops at Merriam.

Reaches Hockers Grove (controlled) Shawnee, and East Zarah Park.

12.75 miles; 4-8½ g; 10 motor pass.. 1 exp. motor. 3 frt. cars and 1 other car. (Contemplates building 52 single-track miles of interurban line between Zarah and Topeka during 1919). 50

537—The Missouri & Kansas Interurban Ry. Co.—Office, Overland Park, Kans. (Connects Kansas City, Mo. Overland Park, Rosedale, Lenexa, and Olathe, Kan.)

Pres. W. B. Strang..Overland Park, Kans.
V. Prests. { Lester W. Hall..Kansas City & Gen. Mgr.
Thos. Riley...Overland Park
Audr. E. H. Stair.....Kansas City
Elec. Engr. H. F. Enykert...Overland Park, Kans.

Energy purchased from Kansas City Pwr. & Lt. Co; trans. volt. 33,000 v; trolley volt. 625 v.

2 sub stas. (with auto control) tot. cap. 600 kw. 2 rot. conv.

Repair shops at Overland Park.

22 mi. 4-8½ g; 6 motor pass., 2 trail pass., 1 motor freight, 1 trail freight, 1 motor service and 2 trail service cars. ★70

537a—Union Depot Bridge & Terminal Co.—Office, 730 Railway Exch. (Connects Kansas City and North Kansas City.)

Pres. G. H. Gray.....Kansas City
V. Prests. { Geo. B. Robbins..Chicago, Ill
A. R. Fay..... "
E. A. Howard... "
Sec., Treas. & Pur. Agt. Hugh J. Curran .....Kansas City
Indus. Agt. H. J. Perkins.... " "
Supt. E. R. Gordon...North Kansas City
Ch. Engr. N. M. Fitch.....Kansas City

Energy purchased from Kansas City.

Repair shops at No. Kansas City. ★70†

KIRKWOOD. 4,171.

538—Grand View R. R. Co.—Office, 8901 S. Broadway, St. Louis. (Connects Luxemburg, Bobring, Mehlville and Continental.)

Pres. Wm. A. Miller.....St. Louis
Sec. G. W. Baumhoff.....Kirkwood
Treas. Fred. Herkert, Jr.....St. Louis
Supt. & M M. Geo. W. Kirwin.. "

Energy purchased from Keokuk Pwr. Co.

Repair shops at 1033 LeMay Ferry Rd., Bobring.

6 miles; 4-8½ g; 5 motor cars. ★50

NEVADA. 7,176.

540—The Fort Scott & Nevada Lt., Ht., Wtr. & Pwr. Co.—Offices, 207 E. Cherry St., Nevada and Fort Scott, Kans. (Operates local line.) (Succeeded the Gunn Pipe Line Co., which bought outright The Central Gas Co., and also purchased the Nevada Lt., Ht., Wtr. & Pwr. Co., which was formerly Nevada Wtr., Lt. & Trac. Co.) (Controlled by the Ohio & Western Utilities Co., and operated by the National Utilities Co., New York, N. Y.)

Pres W. C. Gunn.....Ft. Scott, Kans.
V. Pres. W. R. Gunn.... " "
Sec. Harry L. Wood.... " "
Treas. A. W. Brooks 61 Broadway, New York, N. Y.
Audr. A. G. Smith.....Nevada
Gen. Mgr. J. B. Rogers..... "
Ch. Engr. O. F. Cook..... "
Roadmaster, C. F. McWherter .. "

Power sta. equip.: 2 d. c. West G. E. tot. 200 kw. 550 v; 3 a. c. G. E. Allis-C, tot. 550 kw. 2300 v. 3 ph. 60 cys; 775 hp. e. H. O. & R., Ideal; 600 hp. b. Brnl., Erie; trolley volt. 550 v.

Power sta. at Cherry & Tower Sts.; repair shops at College Ave.

Reaches Radio Springs Park.

5 miles; 4-8½ g; 5 mo. and 2 other cars. Company furnishes energy for lighting. 50

ST. JOSEPH. 85,236 1916).

541—St. Joseph Ry., Lt., Ht. & Power Co.—Office, 6th & Francis Sts. (Controls St. Joseph & Savannah Interurban R R. which operates in St Joseph and a 12-mile line between St. Joseph and Savannah, Mo.) (Controlled by the Cities Service Co., 60 Wall St., New York City.)

Pres. F. W. Frueauff...New York N. Y.
V. Pres. & Gen. Mgr. B. C. Adams.....St. Joseph
Sec. & Treas. J. R. Abercrombie "
Supt. A. V. Wynne..... "
Supt. of Transp. O. F. Koss.... "
Claim Agt. E. E. Smith..... "
Pur. Agt. Fred. E. Henderson.. "
Ch. Engr. Ed. Holley..... "
M. M. Fred. Steffens St. Joseph & Highland Ave. "
Engr. M. of W. Wm. Miller.... "

Power sta. equip. 2 d. c. G. E. tot. 2500 kw; 5 a. c. G. E. tot. 22,600 kva. 2300 v. 3 ph. 60 cys; 3100 kw. e. Fulton; 8930 hp. b. Bab. & W, A. & T. Big; 19,500 kw. stm. turb. G. E; trans. volt. 11,000 v; trolley volt. 550 v.

3 sub-stas. (2 with auto control) tot. cap. 800 kw; 3 mo. gen. sets.

Power sta. at Main & Felix Sts.; repair shops at St. Joseph & Highland Aves.

Reaches and owns Lake Contrary Park.

60.22 miles; 4-8½ g; 295 pass., 2 freight and 3 service cars; 2 auto pass. buses. (Company does lighting and power business.) ★50

ST. LOUIS. 757,309 (1916).

(See also Nos. 32, 199, 203 and 214.)

542 — Missouri Elec. R. R.—Office, 3869 Park Ave. (Controlled by United Rys. Co. of St. Louis.) (Connects St. Louis and St. Charles.)

Receiver Rolla Wells.....St. Louis
Pres. & Gen. Mgr.
Richard McCulloch ..... "
V. Pres. Murray Carleton..... "
Sec. & Treas. Jas. Adkins..... "
Audr. H. P. Taylor..... "
Supt. L. Hisserick..... "

Energy purchased from United Rys. Co. of St. Louis.

Repair shop, 2 miles from city limits.

Reaches Universal Exposition Grounds, two golf courses and Valhalla Cemetery.

18.22 miles; 4-10 g; 16 cars. 119

543—St. Louis Elec. Terminal Ry. Co.—Office, 3725 North Broadway. (Connects St. Louis, Mo. and Venice, Madison and Granite City, Ill.) (Part of Illinois Trac. System.)

Pres. W. B. McKinley ..Champaign, Ill.
V. Pres. Exec. H. E. Chubbuck, Peoria "
V. Pres. & Treas.
G. M. Mattis.....Champaign "
Sec. Chas. Zilly..... " "
Gen. Supt. E. D. Bell.....St. Louis
Supt. Ed. Johnson..... "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M. R. H. Doyle.....Granite City "
Roadmaster, L. B. Martin..Springfield "

Energy purchased; trolley volt. 650 v.

Repair shops at Granite City and Decatur, Ill.

14.5 miles; 4-8½ g; 30 motor and 20 other cars. ★50

544—St. Louis & Jennings Railroad Co.—Office 9011 Florrisant Ave. Jennings. (Operates between Jennings and Pine Lawn.)

Pres. David P. Leahy.....Jennings
Sec. & Gen. Mgr.
D. J. Collins, 6059 Thelka Ave., St. Louis

Power sta. equip. 1 d. c. West. 150 kw. 1 sub-sta.

Repair shops at 9012 Florrisant Ave., Jennings.

2.75 miles; 4.10 g; 4 mo. cars. 60

546—St. Louis Water Works Ry. (Munic.)—Office, 312 City Hall, St. Louis. (Operates in City of St. Louis.)

Water Comr. Edward E. Wall..St. Louis
Asst. Water Comr. F. T. Cutts, "
Engr. in charge Supply & Purifying Sec. C. M. Daily..... "
Ch. Mech. Engr. L. A. Day. .... "
Sec. Chas. A. Cheney..... "

Power sta. equip. 4 d. c. Ridg., W. E., tot. 1000 kw. 550 v. direct connected to Ham-Cor, Fulton and Ridgway engines: 2 d. c. Ridg. tot. 30 kw. 110 v. direct connected to 230 hp. engine Ideal; 4 mo.-gen. sets Ft. W. Allis-C, Ridg. tot. 300 kw. 550 v d. c., 2300 v. s. ph. 60 cys. a. c; trolley volt. 550 v.

Power stas. at 8300 N. Broadway, Baden Sta. and Chain of Rocks Park; repair shops at 34 E. Grand Ave., Bissell's Point.

Reaches Chain of Rocks Park (owned by City).

15 miles; 4-8½ g; 5 motor and 6 other cars; 2 steam locos. (Lights all water dept. bldgs.) 50

547—United Railways Company of St. Louis—Office, 3869 Park Ave. (Controlled by North American Co., New York.) (Controls the Missouri Elec. R. R. and operates all lines in the city of St. Louis except McKinley System. (Connects Maplewood, Webster Groves, Kirkwood, Clayton, Ferguson and Florissant.)

Recvr. Rolla Wells.....St. Louis
Gen. Mgr. for Recvr.
A. T. Perkins..... "
Genl. Counsel for Recvr.
Chas. W. Bates..... "
Gen. Att'y, T. E. Francis..... "
Sec. & Treas. Jas. Adkins..... "
Asst. } Frank A. Gannon..... "
Treasrs. } Walter R. Moynihan. "
Audr. J. D. Evans..... "
Supt. Transpt.. H. O. Butler..... "
Asst. Supt. Transpt.
Patrick Concannon..... "
Gen. Traffic Agt. B. W. Frauenthal "
Gen. Claim Agt. Chas. B. Hardin. "
Asst. Pur. Agt. Jas. J. Roche.... "
Supt. Pwr. Walter E. Bryan..... "
Engr. Maint. of Way, C. L. Hawkins "
M. M., M. O'Brien..... "
Supt. Ovhd. Constr. J. E. Burgess "
General Roadmasters { City Lines, Wm. Finn.. .. "; Country Lines, J. Y. Johnson.... "

Power sta. equip. 10 d. c. G.E, Westg. tot. 18,000 kw; 3 a. c. G. E. tot. 3600 kw. 6600 v. 3 ph. 25 cys; (approx.) 35000 hp. e. Fulton; 12,800 hp. b. O'Br; trans., volt. 6600-13,200 v; trolley volt. 600 v. Energy also purchased from Union Elec. Lt. & Pwr. Co.

Power stas. at 2d & Salisbury Sts. and Park & 39th Aves.; repair shops at 3869 Park Ave.

Reaches Delmar Garden, Creve Coeur Lake, Forest Park Highlands, Base Ball Park, Suburban and all city parks.

458.22 miles; 4-10 g; 1,342 motor pass. 138 trail pass. and 8 other cars. ★20†

548—Light & Development Co. of St. Louis—Office, 2169 Ry. Exch. Bldg. (Controls Mo. Public Utilities Co., Cape Girardeau: Cupples Station Lt., Ht. & Pwr. Co., St. Louis; Western Power & Lt. Co., Wellston; St. Charles (Mo.) Elec. Lt. & Pwr. Co; Danville (Ky.) Lt. Pwr. & Trac. Co; Mitchell (So. Dak.) Pwr. Co; Monmouth (Ill.) Public Service Co; Oberlin (O.) Gas & Elec. Co; Paris (Ky.) Gas & Elec. Co; Ravenna (O.) Gas & Elec. Lt. Co; Texas Utilities Co., Plainview; Tahlequah (Okla.) Lt. & Pwr. Co.)

Pres & Gen. Mgr. H. Wurdack..St. Louis
V. Pres. John A. Porter..... "
Sec. Horace W. Beck..... "
Asst. Sec. Robt. L. Carpenter... "
Treas. E. M. Kurtz..... "
Audr. Paul G. Wallof ..... "
Pur. Agt. H. M. Patton..... "
Ch. Engr. E. S. Billings..... "

50

SEDALIA. 19,449 (1916).

549—City Light & Traction Co.—Office, 404 South Ohio St. (Controlled by Cities Service Co., and operated by Henry L. Doherty & Co., 60 Wall St., New York, N. Y.)

Pres. Frank W. Frueauff..New York, N. Y.
V. Pres., Treas. & Mgr.
H. C. Feners..... Sedalia
Sec. Allen O'Bannon..... "
Gen. Supt. E. E. Armstrong..... "
Supt. Pwr. F. A. Clark..... "
Claim Agt. & Supt. Transp.
A. W. Richardson..... "
Ch. Engr. Pwr. Sta. N. G. Neal.... "

Power sta. equip. 1 d.c. Allis-C. 200 kw. 4 a. c. West., G. E., Allis-C. tot. 1990 kva;

2300 v. 3 ph. 60 cys; 700 hp. e. Allis-C; 1557 hp. b. Stir. Mur; 500 kw. stm. turb. G. E., West; trans. volt. 2300 v; trolley volt. 500 v.
1 sub-sta. cap. 300 kw; 1 rot. conv.
Power sta. and repair shops at Sedalia.
Reaches Liberty Park and State Fair Grounds.
9 miles (8.5 mi. 1st m. t., 0.5 mi. sid.) 4-8½ g; 21 motor pass., 6 trail pass. and 2 trail freight cars. (Company does general lighting and power business.) ★50

SPRINGFIELD. 40,341 (1916).

550—Springfield Ry. & Lt. Co.—Office, 60 Broadway, New York, N. Y. (Controls the Springfield Trac. Co. and Springfield Gas & Elec. Co., and is in turn controlled by Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson...New York, N.Y.
1st V. Pres. C. H. Nichols " "
V. Pres. & Treas. J. Dunhill, " "
Sec. E. K. H. D'Aeth..... " "
★50

551—Springfield Traction Co.—Home Office, 60 Broadway, New York, N. Y. General office, Landers Bldg. Springfield. (Controlled by the Springfield Ry. & Lt. Co., which is controlled by the Federal Lt. & Trac. Co.)
Pres. E. N. Sanderson, New York, N. Y.
V. Pres. C. H. Nichols..... "
Sec. & Treas. J. Dunhill..... "
Asst. Sec. W. W. Nielsen.....Springfield
Asst. Treas. C.N.Garrison.New York,N.Y.
Gen. Mgr E. C. Deal.....Springfield
Supt. C. H. Copley..... "
Energy purchased from Springfield Gas and Elec. Co.
Repair shops at Boonville and Division Sts.
Reaches Doling Park, White City and Zoo.
23.2 miles; 4-8½ g; 44 motor pass. (includes 12 one-man cars), 5 trail pass., 3 motor service and 9 other cars.
★50

WEBB CITY. 13,821 (1916).

552—The Southwest Missouri R. R. Co.—Main office, 112 No. Madison St. Eastern office, Harrisburg, Pa. (Connects Carthage, Carterville, Prosperity, Duenweg, Webb City, Neck City, Purcell, Alba and Joplin, Mo., Galena and Baxter Springs, Kansas, and Pitcher, Okla.)
Pres. —.....Webb City
V Pres. E. Z. Wallower, Harrisburg, Pa.
Sec. Geo. W. Reily..... "
Treas. W. E. McMechan.....Webb City
Gen. Mgr. & Pur. Agt.
E. J. Pratt..... "
Claim Agt. D. C. Morris..... "
Supt. of Transp. T. A. Harbaugh "
Engr. Pwr. Sta. W. C. Duvall. "
Roadmaster, Geo. Mayfield... "
Engr. Ovhd. Constr. John Hill "
Power sta. equip. 2 a. c. G. E. tot. 1750 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e. Cpr. Allis-C; trans. volt. 11,000 & 33,000 v; trolley volt. 750 v.
7 sub-stas. tot. cap. 4750 kw; 12 rot. conv.
Power sta. and repair shops at Webb City.
Owns and operates Lakeside Park.
22 miles; 4-8½ g; 62 motor and 5 other cars. ★30†

MONTANA.

ALBERTON. 300.
(See No. 175)

ANACONDA. 10,562.

553—Butte, Anaconda & Pacific Ry. Co.—Office, Anaconda. (Connects *Butte and Anaconda.*)
Pres. C. F. Kelley
42 Broadway, New York, N. Y.
V. Pres. B. B. Thayer,
42 Broadway, "
Sec., Treas. & Audr.
P. M. Halloran..... Anaconda
Gen. Mgr. H. A. Gallwey..... "
Supt. C. F. Murphy..... "
Gen. Fgt. & Pass. Agt.
J. C. Maring..... "
Pur. Agt. D. A. Welch.....Butte
Ch. Engr. J. H. Schuch.....Anaconda
Elec. Supt. F. W. Bellinger..... "
M. M. C. H. Spangler..... "
Supt. M. W. & S., T. J. McCarvel. "
Energy purchased from Montana Power Co.; trans. volt. 100,000 v; 5 motor gen. sets (2 sets at Butte and 3 sets at Anaconda), each consisting of synchronous motor 1450 kva. 3 ph. 60 cys. direct connected to 2-500 kw. G. E. gen. 1200 volt.
Sub-stas. at Butte and Anaconda; repair shops at Anaconda.
Reaches Gregson Springs.
148.79 miles (90.5 miles electrified, overhead trolley catenary, 2400 v. d. c).; 4-8½ g; 28 elec. and 21 stm. locos; 1,456 other cars. ★50

554—Anaconda Copper Mining Co. (Elec. Lt. & Ry. Dept.)—P.O. Box 548. Anaconda. (Co. operates cars over Butte, Anaconda & Pacific Ry. Co.'s tracks (5.6 miles) to Opportunity.)
Supt. Harry M. Johnson.....Anaconda
Pur. Agt. D. A. Welch.....Butte
Claim Agt. J. M. Madden..... "
Ch. Engr. P.B. Van Dyne.....Anaconda
Gen. Forman St. Ry. Dept.
W. C. Baker..... "
Barn Foreman. M. Doyle..... "
Foreman, M. of W.
Wm. Mulvihill..... "
Foreman Ovhd. Constr.
Thos. Burke..... "
Energy from Great Falls Water Power & Townsite Co.; trolley volt. 550 v.
Repair shops at Anaconda.
Reaches Washoe Park (owned) Zoo, Dancing Pavilion and Picnic Grounds.
6.86 miles owned (5.43 mi. 1st m. t., 1.45 mi. sid.); also 6.1 miles leased. Total miles operated 11.78; 4-8½ g; 8 motor pass., 15 trail pass., 5 trail flats, 3 motor service and 1 trail service car. Company furnishes energy for lighting.
★50

BONNER. 100.
(See No. 560.)

BOZEMAN. 5,107.
(See also No. 175.)

556—Gallatin Valley Ry.—Office, 1220 Ry. Exchange, Chicago, Ill. (Sold to Chicago, Milwaukee & St. Paul Ry. Co., Dec. 31, 1918.) 119

BUTTE. 43,425 (1916).
(See also No. 553.)

557—Butte Electric Ry. Co.—Office, Daly Bank Bldg., Butte. (Connects Walkerville to Butte and suburbs.)
Pres. W. A. Clark.....Butte
V. Pres. W. A. Clark, Jr..... "
Sec. & Treas., J. H. Anderson,
20 Exchange Pl., New York, N.Y.
Audr. J. C. Phillips...Miner Bldg., Butte
Gen. Mgr. J. R. Wharton..... "
Supt. & Pur. Agt. J. S. Wathey.... "
Claim Agt. Chas. A. Blackburn... "
Elec. Engr. E. J. Nash..... "
Sub-sta. equip: 5 sub-sta. (1 auto. conv.) tot. cap. 2350 kw; 8 rot. conv. & 1 mo. gen. set owned by Co; 2 rot. conv. owned by Montana Pwr. Co. from whom energy is purchased.
Car barn and repair shops at Front & Emma Streets.

Reaches Columbia Gardens (owned by Co.) and Lake Avoca (owned by Tide water Investment Co.)
39.23 miles; 4-8½ g; 61 motor pass. and 4 service cars. ★70

DEER LODGE. 2,570.

(See No. 175.)

GREAT FALLS. 25,000. (1920)

558—Great Falls St. Ry.—(Owned and operated by the Montana Pwr. Co.) (Connects Great Falls and suburbs and B. & M. Smelter.)
Pres. John D. Ryan, 42 Broadway, New York, N. Y.
V. Pres. & Gen. Mgr. F. M. Kerr...Butte
Mgr. J. R. Hobbins.....Great Falls
Supt. S. S. Hawks..... "
Pur. Agt. W. T. Jackson.....Butte
Elec. Engr. J. C. Dow.....Great Falls
Electric power from Great Falls Pwr. Co; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shops at Black Eagle Falls.
Reaches and controls Black Eagle Park.
16 miles; 4-8½ g; 21 cars. ★70

HELENA. 13,612 (1916).

559—Helena Light & Ry. Co.—Office, Helena. (Connects Helena and East Helena.)
Pres. Philip G. Gossler, 62 Cedar St., New York, N.Y.
V. Prests. J. H. Pardee, 43 Exchange Place, New York, N. Y.
Arthur Coppell, 52 William St., New York, N.Y.
R. B. Marchant, 43 Exchange Pl., New York, N. Y.
O. W. McConnell.....Helena
Sec. & Treas. T. W. Moffatt 43 Exchange Pl., New York, N. Y.
Asst. Sec. & Asst. Treas. A. B. Sibley .....Helena
Operating Mgrs., The J. G. White Mgt. Corpn. 43 Exchange Pl., New York, N. Y.
Engr. Pwr. Sta C. A. Bernier....Helena
Energy purchased from Montana Pwr. Co; trans. volt. 12,000 v; trolley volt. 600 v.
Sub-sta. cor. Breckinridge & Jackson Sts; repair shops at So. Main St.
31.75 miles; 4.8½ g; 16 motor pass. and 11 trail pass. cars. Company furnishes lighting ★50

MISSOULA. 18,214 (1916).

560—Missoula St. Ry. Co.—Office, Masonic Temple Bldg., Missoula. (Connects Missoula, Milltown and Bonner.)
Pres. W. A. Clark 20 Exchange Pl., New York, N. Y.
V. Pres. & Claim Agt. W. M. Bickford.....Missoula
Sec., Treas. & Audr. J. C. Phillips...Butte
Gen. Mgr. & Pur. Agt. C. H. Christensen.....Missoula
Supt., Claim, Gen. Fgt. & Pass. Agt. & Ch. Engr. H. L. Bickenbach.. "
Ch. Engr. Pwr. Sta. E. H. Collar.. "
M. M., Geo. Whitcomb ..... "
Energy purchased from Missoula Lt. & Wtr. Co; v; 4 d. c. West. tot. 700 kw. trolley volt. 650 v.
Repair shops at Missoula.
Reaches Riverside Park (owned).
22.3 miles; 4-8½ g; 13 motor pass. and 7 service cars. 50

THREE FORKS. 1,300 (1914).

(See No. 175.)

NEBRASKA.

BEATRICE. 10,287.

(See No. 563.)

BETHANY. 948.

(See No 562.)

LINCOLN. 52,500 (1915).

561—Lincoln, Capitol Beach & Milford R. R. Co.—Office, Terminal Bldg., Lincoln. (Connects Lincoln and Capitol Beach.) (Operated under lease by Lincoln Traction Co.)
Pres. W. E. Sharp.....Lincoln
Sec. & Treas. S. H. Burnham.... "
Gen. Mgr. O. J. Shaw..... "
Reaches Capitol Beach.
2 miles; 4-8½ g; 12 cars. 50

562—The Lincoln Traction Co.—General office, 321 Terminal Bldg. (Leases and operates Lincoln, Capitol Beach & Milford R. R. Co.; also owns and operates Bethany Traction Co. (2 miles). (Connects Havelock, College View, University Place, Normal, Bethany, Lancaster and Lincoln.)
Pres. W. E. Sharp.....Lincoln
V. Pres. W. H. Ferguson..... "
Sec. & Gen. Mgr. O. J. Shaw..... "
Treas. S. H. Burnham "
Claim Agt. E. M. Raver..... "
Pur. Agt. A. G. McMaster..... "
Supt. Transp. E. R. Heiny..... "
Ch. Engr. Pwr. Sta J. M. Pawling "
M. M., Chas. DeSombers..... "
Engr. M. of W., I. M. Thomas.... "
Power sta. equip 4 d. c. G. E. tot. 1525 kw; 4 a. c. G. E. tot. 3187 kva. 2300 v. 3 ph. 60 cys; 2800 hp. e. Allis. Busch, Diesel, Mur; 3800 hp. b. Bab. & W. Stir. Edgemoor; 2750 kw. (stm.) turb. G. E.; 4 mo. gen. sets.
Power sta. at 9th & K Sts; repair shops at 8th and L Sts.
Reaches Lincoln Park, City Park, Epworth Lake Park and Capitol Beach.
60 miles; 4-8½ g; 72 motor pass. and 10 trail pass. cars; 6 snow plows. (Company does lighting and power business.) ★60

563—Omaha, Lincoln & Beatrice Ry. Co. — Office, Oliver Theatre Bldg., Lincoln. (Connects University Place, Bethany and Lincoln and will extend to Havelock en route to Omaha, So. Omaha, Papillion, Springfield, Ashland, Greenwood and Waverly District.)
Pres. Harvey Musser.....Akron, O.
Sec. J. C. Musser..... "
Gen. Mgr. J. M Bramlette.....Lincoln
Audr. Carl Weil..... "
M. M., John Pirie..... "
Roadmaster L. Swanson..... "
Energy purchased from Lincoln Trac. Co.: trolley volt. 575 v.
Repair shops at 30th and Y Sts., Lincoln
Reaches Central and Broadwater Parks.
56 miles projected (7.5 miles completed and in operation); 4-⅛ g: 8 motor pass. and 2 other cars; 1 elec. loco. (Company does lighting and power business.) ★70

OMAHA. 165,470 (1916).

(See also Nos. 563, 566 and 1062.)

564—Omaha & Council Bluffs St. Ry. Co.—Office, Merchants' Nat. Bank Bldg., Omaha. (Owns all the street railways in Omaha and leases Omaha, Council Bluffs & Suburban St. Ry. Co., Omaha & Council Bluffs Ry. & Bridge Co., and East Omaha St. Ry. Co.) (Connects Omaha, Benson and Florence, Neb., and Council Bluffs, Ia.)

Pres. W. A. Smith .....Omaha
1st V. Pres. J. A. Munroe..... "
2nd V. Pres. & Gen. Mgr.
R. A. Leussler..... "
Sec. & Audr. W. G. Nicholson.... "
Treas. A. S. Widenor..... "
Asst. Gen. Mgr. F. S. Welty..... "
Claim Agt. W. P. Thomas..... "
Supts. Pwr. Stas. D. W. Gilbert. "
Transpt. F. B. Hudson.... "
Track & Roadway
R. H. Findley ..... "
Elec. Lines,
W. O. Jacoby..... "
M. M., T. E. Wood..... "

Power sta. equip. 4 d. c. G. E. tot. 3850 kw; 3 a. c. G. E. Allis-C. tot. 22,000 kw. 3 ph. 25 cys; 5500 hp. e. Fulton; 11,000 hp. b. Bab. & W; 12,000 kw. stm. turb. G. E. Allis-C; trans. volt. 13,200 v; trolley volt. 600 v.

2 snb-stas; (1 auto. cont.) tot. cap. 6500 kw; 7 rot. conv.

Power sta. at 5th & Jackson Sts.; repair shops at 26th & Lake Sts.

Reaches Lake Manawa (owned.)

162.66 miles; 4-8½ g; 482 pass., 10 trail and 48 other cars. ★60

565 — Omaha & Southern Interurban Ry. Co.—Office, Merchants' Nat. Bank Bldg., Omaha. (Connects So. Omaha, Bellevue and Fort Cook.)
Pres. W. A. Smith.....Omaha
1st V. Pres. J. A. Munroe..... "
2nd V. Pres. & Gen. Mgr.
R. A. Leussler ..... "
Sec. & Audr. W. G. Nicholson.... "
Treas. A. S. Widenor..... "

Energy purchased.

7.5 miles; 4-8½ g; 3 cars. ★70

RALSTON. 400.

566—Omaha & Lincoln Ry. & Lt. Co.—Ralston. (Part of the Illinois, Traction System.) (Connects Omaha So. Omaha, Ralston and Papillion.)
Pres. H. E. Chubbuck. .....Peoria, Ill.
V. Pres. Arthur English.....Omaha
Secy. W. J. Achelpohl..... ...Peoria, Ill.
Treas. G. M. Mattis.....Champaign, "
Gen. Supt. W. C. Edmiston.....Ralston
Pur. Agt. A. J. Vance.....Peoria, Ill.

Energy purchased from Omaha Elec. Lt. & Pwr. Co.; trans. volt. 33,000 v. a. c; trolley volt. 550 v.

Repair shops at Ralston.

Reaches Hillside Park and Seymour Lake Park.

13.8 miles (s. phase, catenary system); 4-8½ g; 6 motor pass. cars. (Company does lighting and power business.) 50

SOUTH OMAHA. 26,359.

(See Nos. 565 and 566.)

UNIVERSITY PLACE. 3,200.

(See Nos. 562 and 563.)

NEVADA.

FALLON. 741.

567—Fallon Elec. R. R. Co.—Office, Fallon. (Will extend from Fallon east 14 miles to Stillwater and from Fallon south 7 miles, then east to Sand Springs, 24 miles.)
Pres. C. A. Hascall.....Fallon
V. Pres. & Ch. Engr.
Herbert C. Lattin..... "
Sec. A. E. Wilson..... "
Treas. & Gen. r. E. S. Berney... "

Energy will be secured from Government Irrigation Project in Fallon.

38 miles projected; will use Edison storage battery cars. 50

RENO. 14,869 (1916).

568—Reno Trac. Co.—General Office, 637 Holbrook Bldg., San Francisco, Cal. (Operates local line in Reno and connects Reno and Sparks.)
Pres. H. Fleishhacker..San Francisco, Cal.
V. Pres. Jno. A. Buck.. " "
Sec. Jas. A. Martin..... " "
Treas. M. Fleishhacker. " "
Audr. A. N. Baldwin .. " "
Gen. Mgr. R. C. Leeper.....Reno
Pur. Agt. F. W. Smith,..San Francisco, Cal

Energy purchased from Reno Pwr., Lt. & Wtr. Co.; trolley volt. 600 v.

Repair shop at 4th St., Reno.

7.5 miles; 4-8½ g; 5 motor pass. cars. 59

569—Nevada Interurban Ry. Co.—Office, 218 N. Virginia St., Reno. (Connects Reno and Moana Springs.)
Pres. & Gen. Mgr. L. W. Berrum...Reno
V. Pres. J. M. Short..... "
Sec., Treas. & Pur. Agt.
S. H. Rosenthal..... "

Energy purchased from Reno Pwr., Lt. & Wtr. Co.

Repair shops at Reno.

Reaches Moana Springs.

3.3 miles; 4-8½ g; 4 cars. 119

SPARKS. 510.

(See No. 568.)

NEW HAMPSHIRE.

BERLIN. 13,599 (1916).

570—Berlin St. Ry. Co. — Office, Berlin. (Connects Berlin and Gorham.)
Pres. Frank L. Castner .....Berlin
Sec. N. G. Noyes.....Gorham
Treas. Gen. Mgr. & Pur. Agt.
E. W. Gross.....Berlin
Roadmaster, J. Caffey..... "

Power sta. equip. 1 d. c. Westg. tot. 300 kw; 300 hp. turb. wtr; trans. volt. 550 v. Power (water) rented.

Power sta. at Gorham; repair shops at Berlin.

Owns and controls park in Gorham, 40 acres.

7.75 miles; 4-8½ g; 10 motor pass. cars and 1 other car. 109

CHARLESTOWN. 1,496.

571—Springfield Elec. Ry. Co. of New Hampshire. — Office, Charlestown. (Leased to Springfield Elec. Ry. Co., Springfield, Vt.)
V. Pres. & Gen. Mgr.
Edward C. Crosby.....Springfield, Vt.
V. Pres.
M. A. Coolidge,.....Fitchburg, Mass.
Sec. & Treas.
Frank W. Hamlin.....Charlestown

2 miles; 4-8½ g. ★50

CHESTER. 818.

572—Chester & Derry R. R.—Office, Derry. (Connects Chester and Derry.)
Pres. & Gen. Counsel,
G. K. Bartlett,.....Boston, Mass.
V. Pres. Chas. Bartlett.....Derry
Sec. & Audr. A. H. Wilcomb.....Chester
Treas. & Gen. Mgr. F. J. Shepard..Derry
Supt. F. J. Shepard, Jr..... "
Asst. Supt. & Elec. Engr. F. I. Corson "

Energy purchased from Derry Elec. Lt. Co; trolley volt. 600 v.
Repair shops at Derry.
Reaches Beaver Lake.
8 miles; 4-8½ g; 10 motor and 3 other cars; 1 snow plow. 70

CLAREMONT. 7,529.

573—Claremont Railway Co. (Formerly Claremont Ry. & Ltg. Co.)—Office, 7 Sullivan St., Claremont. (Extends from Claremont Jct. to West Claremont through town of Claremont.)
Pres. C. H. McDuffee.....Claremont
Sec. F. E. Coy..... "
Treas. Geo. E. Tenney..... "
Gen. Mgr. & Pur. Agt.
A. C. Ralph..... "
M. M., C. H. Foster..... "
Roadmaster, James B. Sweet. "
Energy purchased from Claremont Pwr. Co.
Repair shops at Claremont.
Reaches Pine Grove Park. (privately owned.)
10.5 miles; 4-8½ g; 5 motor pass., 1 fgt. without motor and 1 work car; 1 elec. loco. ★50

CONCORD. 22,669 (1916).

(See also No. 403)

574—Concord Electric Railways (Concord & Manchester Elec. Branch.) (Owned and operated by Boston & Maine R. R.)—Office, 20 Pleasant St., Concord. Connects Manchester, Concord, Penacook, Hooksett, Suncook and Contoocook.
Pres. J. H. Hustis.....Boston, Mass.
V. Pres.
Woodward Hudson..... " "
Treas. F. S. Heath.....Concord
Audr. W. S. Trowbridge..... "
Supt. & Pur. Agt.
John B. Crawford..... "
Engr. Pwr. Sta.
F. J. Southwayd.....Franklin
M. M., Fred M. Weld. .....Concord
Roadmaster. Whittier Ludlow.. "
Engr. Ovhd. Constr.
Edwin Hussey..... "
Power sta. equip. 2 d.c. Westg. G. E; tot. 525 kw; 2 a. c. G. E. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 450 hp. e. Rollins; 405 hp. b. Dobbins. Dillon: 2190 hp. turbine (water) Lef., Rodney Hunt. trans. volt. 22,000 v; trolley volt. 650 v.
2 sub-stas; tot. cap. 900 kw; 2 rot. conv. tot. 600 kw; 1 mo. gen. 300 kw.
Power sta. at Franklin.
Repair shops at Concord.
Reaches and owns Contoocook River Park.
31 51 miles owned (1st m. t.); also 2.5 miles track rights. Total miles operated 33.56; 4-8½ g; 37 motor pass. and 6 motor service cars. ★60

DERRY. 5,123.

(See No. 579.)

DOVER. 13,274.

(See also No. 584a.)

575—Dover, Somersworth & Rochester Street Ry. Co.—(Controlled by the New Hampshire Elec. Rys.) (Connects Dover, Somersworth, Rochester and East Rochester.)
Pres. David A. Belden....Haverhill, Mass.
V. Pres. & Gen. Mgr.
R. D. Hood.... .... " "
Sec. Treas. & Audr.
Fred'k. E. Webster..... " "
Claim Agt. H.B.Whitehouse " "
Supt. L. E. Lynde..... ..Dover
M. M., H. Osgood.....Salem
Engr Ovhd. Constr.
W. S. Mellon..... " "
Energy purchased from Rockingham County Lt. & Pwr. Co.
Owns Central Park, Somersworth.
21 miles; 4-8½ g; 36 motor and 2 other cars; 3 snow plows. ★60

EXETER. 5,875.

576—Exeter, Hampton & Amesbury St. Ry. — Office, Hampton, N. H. (Controlled by Exeter Ry. & Ltg. Co.) (Connects Exeter, Hampton, Hampton Beach, Hampton Falls, Seabrooke and Smithtown).
Pres. Allen Hollis.....Concord
V. Pres. Chas. H. Tenney..Boston, Mass.
Treas. E. A. Bradley..... " "
Asst. Treas. & Supt.
Walter A. Scott.....Hampton
Gen. Mgr. H. T. Sands
201 Devonshire St., Boston, Mass.
Audr. I. S. Hall..... " "
Mgr. Geo. D. Baxter.....Exeter
Supt. Lines & Shop Foreman,
C. B Edgerly..... "
Park Mgr. W. J. Drew..... "
Energy purchased from Rockingham County Lt. & Pwr. Co., Portsmouth; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Hampton.
Owns The Casino, Hampton Beach.
22 miles; 4-8½ g; 17 motor pass., 5 other motor and 5 other cars. ★50

GOFFSTOWN. 2,579.

(See No. 583.)

GORHAM. 2,155.

(See No. 570.)

HAMPTON. 1,215.

(See No. 576.)

HAMPTON BEACH.

(See Nos. 427 and 576.)

HUDSON. 1,344.

(See No. 427.)

KEENE. 10,633.

577—Keene Elec. Ry. Co.—Office Keene. (Connects Keene, Marlboro and Swanzey.)
Pres. Lewis P. Howe
235 Pleasant St. Marlboro, Mass.
Sec. & Supt. C. L. Wyman.....Keene
Treas. Gen. Mgr. & Pur. Agt.
T. Russell Robinson ....Boston, Mass.
Energy purchased from Keene Gas & Elec. Co.; 2 d. c. Trl., G. E. tot. 225 kw; G. E. motors tot. 175 kw; trolley volt. 550 v.
Repair shops at So. Keene.
Reaches Wilson Recreation Grounds (owned).
10 miles; 4-8½ g; 9 motor cars and 1 other car. 70

LACONIA. 11,528 (1916).

578—Laconia St. Ry. Co.—Gen. office, Laconia. (Connects Laconia and Weirs.)
Pres. H. L. Pierce 53 State St. Boston, Mass.
V. Pres., Mgr. & Pur. Agt.
Treas. H. G. Lowe 87 Milk St. Boston, Mass.
Supt. & Pur. Agt. Fred Huff.....Laconia
Shop Foreman, F. Lavallee..... "

Energy purchased.
Repair shops at Laconia.
8.87 miles; 4-8½ g; 11 motor and 1 fgt. car; 1 snow plow. 60

MANCHESTER. 78,283 (1916).

(See also No. 574.)

579—Manchester & Derry St. Ry.—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Londonderry and Derry.) (Owned by Manchester Trac., Lt. & Pwr. Co.
Pres. E. C. Foster.....Manchester
Clerk Allan M. Wilson..... "
Gen. Mgr. J. Brodie Smith...Manchester
Supt. & Claim Agt T. H. Kendrigan "
Repair shops at Traction St., Manchester.
8.418 miles; 4-8½ g; 6 motor cars. 50

580—Manchester & Nashua St. Ry.—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Litchfield, Hudson and Nashua.) (Owned by Manchester Trac., Lt. & Pwr. Co.)
Pres. Chas. M. Floyd.....Manchester
V. Pres. E. C. Foster..... "
Clerk Allan M. Wilson..... "
Gen. Mgr. J. Brodie Smith..Manchester
Supt. & Claim Agt. T. H. Kendrigan "
Repair shops at Traction St., Manchester.
14.335 miles; 4-8½ g; 6 motor cars. 50

581—Manchester St. Ry.—Office, 46 Hanover St. (Extends from Manchester to Goffstown, where connection is made with the Uncanoonuc Incline Ry. for Mt. Litchfield.) (Owned by Manchester Trac., Lt. & Pwr. Co.)
Pres. E. C. Foster. .....Manchester
Clerk Allan M. Wilson.....Boston, Mass.
Gen. Mgr. J. Brodie Smith...Manchester
Supt. & Claim Agt.
T. H. Kendrigan..... "
Repair shops at Manchester.
Owns pavilion and summer theatre at Lake Massabesic and Pine Island Park.
42.726 miles; 4-8½ g; 95 cars. 50

582—Manchester Trac., Lt. & Pwr. Co.—Offices, 46 Hanover St. Manchester and 53 State St., Boston, Mass. (Owns Manchester St. Ry., Manchester & Nashua St. Ry., Manchester & Derry St. Ry., Manchester Elec. Lt. Co., Nashua Lt. Ht. & Pwr. Co., Union Elec. Co., Merrimack Elec. Lt., Ht. & Pwr. Co. and Garvins Falls Power Co.)
Pres. E. C. Foster..... ...Manchester
V. Pres. & Gen. Mgr.
J. Brodie Smith..... "
Treas. Geo. S. West.....Boston, Mass.
Clerk, Allan M. Wilson... " "
Treas. Geo. S. West..... " "
Asst. Treas. L. E. Flint.... " "
Audr. Wm. F. Harmon.....Manchester
Ch. Engr., L. J. Farrell..... "
Power sta. equip. 21 a. c. G. E, Allis-C, Stan. tot. 18,980 kva. 2300-6000-11,000 v. 3 & 3ph. 60 cys; 8 rot. conv. tot 2400 kw. West. G. E; 3 mo. gen. sets tot. 3500 kw; 1000 hp. e. Prov;—b. Kendall Bab. & W; 110,000 hp. stm. turb. 13,750 hp. turb (wtr.) Hunt. Hol. Allis-C.; trans. volt 33,000-11,000 v; trolley volt. 550 v.
Power stas. at Manchester, Garvins Falls, Kelleys Falls, Hooksett, Derry, Greggs Falls, Litchfield and Nashua; repair shops at Manchester.
Reaches Massabesic Lake and Pine Island Park.
Companies owned operate 65.40 miles of track. Does general lighting and power business. ★50

583—Uncanoonuc Incline Ry. & Develop. Co.—Office, Grasmere. (Connects Manchester and Goffstown.)
Pres. & Gen. Mgr.
Henry A. Laxson.....Grasmere
V. Pres. J. W. Lovering.....Sandown
Sec. J. B. Pattee.....Manchester
Treas. Jno. H. Boyd..... "
Energy purchased from Manchester Trac., Lt. & Pwr. Co.
Reaches Summit Park (owned) and Casino.
2.75 miles (electric, trolley and cable); 1 motor and 2 incline cars. ★70

NEWTON. 962.

(See No. 427.)

PELHAM. 826.

(See No. 427.)

PLAISTOW. 1,173.

(See No. 427.)

PORTSMOUTH. 11,666

(See also No. 403.)

584—Portsmouth Elec. Ry.—(Portsmouth Elec. Branch.) (Owned and operated by Boston & Maine R. R.) (Connects Portsmouth, Rye and North Hampton.) For executive officers, see Boston, Mass.
Gen. Supt. W. E. Dowdell....Portsmouth
Energy purchased from Rockingham County Lt. & Pwr. Co.. 2 d. c. West g. tot. 400 kw; 600 hp. e. Allis-C; 500 hp. b. Bab. & W; trolley volt. 600 v.
Storage battery station at Rye Center; repair shops at Portsmouth.
19.03 miles; 4-8½ g; 21 pass. and 2 work cars; 1 snow plow. ★60†

584a—Portsmouth, Dover & York St. Ry.—Office Portsmouth. (Connects Dover and Portsmouth, N. H., and So. Berwick Eliot, Kittery, Kittery Point, York, York Harbor, and York Beach, Me.)
Receiver & Gen. Mgr.
W. G. Meloon.....Portsmouth
Audr. A. D. Foster..... "
M. M., C. H. Nottage..... "
Pwr. sta. equip. 3 d.c. G.E. tot. 560 kw; 850 hp. e. B. & W, Erie; 775 hp. b. Man. Hoyt; trolley volt. 550 v.
Energy purchased from Twin State Gas & Elec. Co., Dover, and Rockingham County Lt. & Pwr. Co. Power plant at Kittery Point held in reserve.
42 miles; 4-8½ g; 24 motor and 2 other cars. 119

ROCHESTER. 9,119.

(See No. 575.)

SALEM. 2,117.

(See No. 427.)

SEABROOK. 1,425.

(See No. 427.)

SEABROOK BEACH.

(See No. 427.)

SOMERSWORTH. 6,704.

(See No. 575.)

SWANZEY. 1,656.

(See No. 577.)

NEW JERSEY.

ALLENHURST. 203. (1915)

(See No. 585)

ASBURY PARK. 10,150.

(100,000 in summer.)

585—Atlantic Coast Electric Ry. Co.—Office, 523 Main St., Allenhurst. (Owns Atlantic Coast Elec. Lt. Co. and controls Asbury Park & Sea Girt Elec. Ry. Co., Seashore Elec. Ry., West End & Long Branch Ry. and Seacoast Trac. Co.) (Connects Long Branch, West End, Elberon, Deal, Allenhurst, Avon, Asbury Park, Bradley Beach, Belmar, Spring Lake, Sea Girt and Manasquan.)
Chmn. of Bd. C. W. Huntington, 60 Wall St., New York, N. Y.
Pres. & Gen. Mgr.
S. F. Hazelrigg.....Asbury Park
V. Pres. W. E. Benjamin 60 Wall St., New York, N. Y.
Sec. & Treas. G. B. Cade....Asbury Park
Audr. A. R. Assy..... "
Pur. Agt. J. F. Fitzgerald St. George, S. I., N. Y.
Ch. Engr. Pwr. Sta.
J. H. Moor.....Asbury Park
M. M., Sam'l Kutzler. .....Allenhurst
Roadmaster, Chas. E. Hereth "
Power sta. equip. 2 d. c. West. S. & H. tot. 800 kw; 5 a. c. turbo-gens. West. G. E. tot. 6500 kw. 2300 v. 3 ph. 60 cys: 1500 hp. e. Ham. Allis-C; 2440 hp. b. Badenhausen, B. & W: 2 rot. conv; trans. volt. 2300 v; trolley volt. 550-600 v.
Power sta. and repair shops at Allenhurst.
36.06 miles (20.34 mi. 1st m. t., 13.89 mi. 2nd m. t., 1.83 mi. sid.)
4-8½ g; 74 open and 20 closed motor pass, 1 fgt. motor, 4 motor service and 3 trail service cars. Supplies energy to Atlantic Coast Elec. Lt. Co. ★50

ATLANTIC CITY. 51,667 (1915).

(300,000 in summer.)

(See also No. 607.)

586—Atlantic City & Shore R. R. Co. (Shore Fast Line.)—Office, 605 Land Title Bldg., Phila., Pa. (Controls Atlantic City & Ocean City R. R. Co.) (Connects Atlantic City, Pleasantville, Linwood, Somers Point and Ocean City. The Atlantic Ave. & Longport Div. which is owned by the West Jersey & Seashore R. R. Co., operates in Atlantic City and connects Atlantic City, Chelsea, Ventnor City, Margate City and Longport.)
Receiver,
A. J. Purinton.....Atlantic City, N. J.
Pres. Isaac H. Silverman Philadelphia, Pa.
V. Pres. Chas. Evans.....Atlantic City
Sec. & Audr.
John M. Campbell.... "
Treas. Irvin L. Stone ..Philadelphia, Pa.
Ass't Supt. D. M. Bunn ....Atlantic City
Elecl. Engrs.
Stern & Silverman,...Philadelphia, Pa.
M. M. Frank J. Stevens.....Atlantic City
Supvr. John C Smith..... "
Energy purchased from West Jersey & Sea Shore R. R.; trans. volt. 33,000 v. a. c; trolley volt. 650 v. d. c.
Repair shops at Maine & Caspain Aves. Atlantic City.
30.05 miles (third rail & ovhd.); 4-8½ g; 20 motor cars.
ATLANTIC AVE. & LONGPORT DIV.—16.12 miles (ovhd. trolley): 4-8½ g; 76 motor and 2 other cars; trolley volt. 575 v. d. c. 50

587—Central Passenger Ry. Co.—Gen. office, 605 Land Title Bldg., Philadelphia, Pa. (Connects with Atlantic City & Shore R. R. Co.)
Pres. Isaac H. Silverman, Philadelphia, Pa.
Sec. & Audr.
John M. Campbell.....Atlantic City
Treas. Irvin L. Stone...Philadelphia, Pa.
Gen. Supt. A. J. Purinton...Atlantic City
Asst. Supt. D. M. Bunn..... "
M. M. Frank J. Stevens..... "
Energy purchased from Atlantic City & Shore R. R. Co.; trans. & trolley volt. 650 v.
Repair shops at Maine & Caspain Aves., Atlantic City.
3.01 miles; 4-8½ g; 5 motor cars. 50

BAYONNE. 64,461 (1915)

(See No. 602.)

BRIDGETON. 14,209.

588—Bridgeton & Millville Trac. Co.—Office, Cohansey St., Bridgeton. (Owns and operates the Bridgeton Rapid Transit Co., and is itself owned by the American Rys. Co., Philadelphia, Pa.)
Pres. Van Horn Ely.....Philadelphia, Pa.
V. Prests. { H. J. Crowley..... " / C. L. S. Tingley.. "
Sec. & Treas. Walter W. Perkins "
Asst. Sec., Asst. Treas. & Compt.
F. J. Pryor, Jr..... "
Gen. Mgr. Julius Theobald... "
Supt. of Transp. Gen. Fgt. & Pass. Agt.
Leon Lore.....Bridgeton
Elec. Engr. & Ch. Engr. Pwr Sta.
W. H. Meyers..... "
M. M., A. M. Sharp..... "
Park Mgr. Howard Tyler..... "
Energy purchased from Electric Co. of New Jersey; trans. volt. 33,000v; trolley volt. 600 v.
Repair shops at Bridgeton.
Owns and reaches Tumbling Dam Park.
37.87 miles; 4-8½ g; 29 motor and 1 other car. 118

CAMDEN. 102,215 (1915)

(See also No. 602.)

589—West Jersey & Seashore R.R. (Steam & Elec. Branch of Pennsylvania R. R.)—(Connects Camden, Millville, Atlantic City, Pleasantville, Somers Point and Ocean City.) (Owns Atlantic Ave. & Longport Div. and that portion of the Atlantic City & Shore R.R. between Pleasantville and Somers Point.) For general officers, see Pennsylvania Railroad, Philadelphia Pa.
Supt. A. G. Mitchell.....Camden
M. M. L. M. Willson..... "
Power sta. equip.: 4 a. c. G. E. tot. 8000 kw. 7000 v. 3 ph. 27 cys; 5728 hp. b. Stir; 8000 kw. turb. G. E; trans. volt. 35,400 v; 3rd rail volt. 675 v. d. c.
8 sub-stas. tot. cap. 18,000 kw; 23 rot. conv.
Power sta. at Westville; repair shops at Camden.
Sub-stas. at Newfield, So. Camden, Westville, Glassboro, Mizpah, Reega, Atlantic City and Clayville.
155.03 miles (third rail); 4-8½ g; 90 pass. 4 combination pass., 7 baggage and 6 baggage and mail cars. (Company sells energy.) ★60

590—Interstate Railways Co.—Office, 411 Market St., Camden, N. J. (Through the United Pwr. & Transp. Co. it controls Lebanon (Pa.) Valley St. Ry. Co.: Delaware County & Phila. Elec. Ry. Co. (Clifton Heights, Pa.); Media (Pa.), Glen Riddle & Rockdale Elec. St. Ry. Co.; Wilkes-Barre (Pa.) & Wyoming Valley Trac. Co.; Trenton (N. J.) St. Ry. Co. (which controls

Mercer County Trac. Co., Trenton (N. J.), Pennington & Hopewell St. Ry. Co. and Trenton (N. J.), Hamilton & Ewing Trac. Co.); Schuylkill Valley Trac. Co. (Norristown, Pa.); Wilmington & Chester Trac. Co. (which controls directly or indirectly Chester (Pa.) Trac. Co., Chester & Delaware St. Ry. Co. (leased to the Chester Trac. Co.), Wilmington City (Del.) Ry. Co., Wilmington & Edgemoor Elec Ry., Front & Union St. Ry. and Gordon Heights Ry.) and Wilmington City (Del.) Elec. Co. The properties have been divided into four groups and are leased to and operated by the Reading Transit & Lt. Co., Wilkes-Barre Ry. Co., Trenton & Mercer County Trac. Corpn, Southern Penn. Trac. Co. and Wil. & Phila. Trac. Co., the two latter cos. being operated under one management.)

Pres. John A. Rigg.....Camden
V. Pres. Walter A. Rigg..... "
Treas. Thos. W. Grookett, Jr.... "
Sec. & Asst. Treas.
John W. Goodwin..... "
Gen. Counsel, Richmond L. Jones "

Mileage and equipment included under controlled roads. 50

591—Wilmington & Chester Traction Co.—Office, 411 Market St., Camden, N. J. (Controls Wilmington City Ry., (which controls Wilmington & Edgemoor Elec. Ry.), Front & Union St. Ry. and Gordon Heights Ry. Co., Wilmington, Del.; also the Chester Trac. Co. and Chester & Delaware St. Ry. Co., Chester, Pa., through ownership of entire capital stock; also owns entire issue of the Gordon Heights Ry. Co. bonds, the entire issue of the Front & Union St. Ry. Co. bonds and other minor securities.) (Controlled by United Pwr. & Transpt. Co., which in turn is controlled by Interstate Rys. Co.)

Pres. John A. Rigg.....Camden
Sec. & Asst. Treas., J. W. Goodwin "
Treas. Thos. W. Grookett, Jr..... "

50

CRANFORD. 4,967.

(See No. 602.)

EAST ORANGE. 40,961 (1915)

(See No. 602.)

EDGEWATER. 3,150.

(See No. 602.)

ELIZABETH. 82,036 (1915)

(See Nos. 600 and 602.)

GLOUCESTER. 10,554 (1915)

(See No. 602.)

HACKENSACK. 14,050

(See No. 602.)

HAINESPORT. 400.

594—Burlington County Transit Co.—Office, Hainesport. (Connects Moorestown, Hartford, Masonville, Hainesport, Burlington and Mt. Holly.)

Pres. Albert Haines.....Masonville
V. Pres. John D. Johnson, Jr., Hainesport
Sec & Treas. W. I. Dill..... "
Gen. Mgr., Claim & Pur. Agt. "
..... "
Ch. Engr. & Elec. Engr.
John M. Smith..... "
Engr. M. of W. Joseph Albertson "
Engr. of Ovhd. Constr.
Clarence Snyder..... "

Energy purchased from Public Service Elec. Co., Burlington; 2 rot. conv. G E, West. tot. 600 kw: trans. volt. 13,200 v; trolley volt. 600 v.

Repair shops at Hainesport.

Reaches Rancocas Park.

15.08 miles: 5 g; 5 motor and 2 other cars. ★40†

HOBOKEN. 70,324

(See also No. 602.)

595—Hoboken Manufacturers' R. R. Co., Lessee of Hoboken Shore Road—Office, Foot 5th St., Hoboken. (Handles freight only.) (Operated by War Department, United States Government.) (Connects Hoboken and Weehawken.)

Pres.
Gen. Frank T. Hines, Washington, D.C.
V. Pres. & Gen. Mgr.
H. Hatcher.....Hoboken
Sec. & Treas. Geo. H. Hobbs.... "
Audr. R. D. Gannon..... "
Supt. Morgan W. O'Brien ..... "
M. M. Cornelius Ferdon ..... "

Energy purchased from Public Service Elec. Co.

Repair shops at Bloomfield and 15th Sts

9.79 miles (electric and steam): 4-8½ g: 2 electric and 1 steam loco: 1 sweeper, 1 construction; 4 flat and 1 box car.

★50

HOHOKUS. 2,292

596—North Jersey Rapid Transit Co.—Gen. Office, Hohokus. (Connects Paterson, Fairlawn, Glen Rock, Ridgewood, Hohokus, Waldwick, Allendale, Ramsey and Mahwah, N. J., and Suffern, N. Y.)

Receiver, Henry H. Parmelee....Paterson
Mgr., Ch. Engr., Claim Agt. & Audr.
George Jackson.....Hohokus

Energy purchased from Public Service Elec. Co.; trans. volt. 13,000 v; trolley volt. 600 v.

Repair shops at Hohokus.

15.2 miles: 4-8½ g; 8 motor pass., 1 work and 5 other cars. 119

JERSEY CITY. 27,903.

(See also Nos. 602, 635, 663, 678 and 861.)

596a — United Railways Investment Co.—Office, 15 Exchange Place, Jersey City. (This is a holding company controlling the Philadelphia Co., Pittsburg, Pa., through ownership of 57.17 p. c. of its outstanding common stock): it also controls through stock ownership the California Ry. & Pwr. Co., the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., Coast Valleys Gas & Elec. Co. and San Francisco Elec. Rys; also owns all the stock (except directors' shares) of The Railroads & Power Development Co.)

Pres. Mason B. Starring,
25 Broad St., New York, N. Y.
V. Pres.
H. B. Lake, 25 Broad St. " "
Sec. & Asst. Treas. M. V. R. Weyant
25 Broad St., New York, N. Y.
Treas. B. S. Guinness,
25 Broad St., " "
Audr. P. M. Hoskins
25 Broad St., " "

★50

KEYPORT. 4,019.

597—Jersey Central Traction Co.—Office, 904 Witherspoon Bldg., Philadelphia, Pa. (Controlled by American Railways Co.) (Connects Red Bank, New Monmouth, Belford,

Port Monmouth, Keansburg, Keyport, Matawan, Morgan, South Amboy, Perth Amboy, Atlantic Highlands and Highlands. Connects with New York & Long Branch R. R. at So. Amboy, Matawan and Red Bank, and with Central R. R. of New Jersey at Lorillards, Belford, Atlantic Highlands, Highlands and Highland Beach.)
Pres. Van Horn Ely
Witherspoon Bldg., Philadelphia, Pa.
V. Pres.
C. L. S. Tingley..... " " "
Sec. & Treas. W. W. Perkins
Witherspoon Bldg., " "
Audr. F. J. Pryor, Jr.
Witherspoon Bldg., Philadelphia, Pa.
Asst. Audr.
H. D. Anderson " " "
Gen. Mgr.
H. J. Crowley.. " " "
Local Mgr. Wm. H. Hitchock....Keyport
Supt. Transp. Wm. Haley..... "
Claim Agt. H. D. Brinley.....Red Bank
Pur. Agt. G. C. Welrick
Witherspoon Bldg., Philadelphia, Pa.
Elec. Engr., A. W. Way.....Keyport
Ch. Engr. Pwr. Sta.
A. C. Huston..... "
M. M., A. A. Churchill..... "
Engr. M. of W. H. O. Todd...Highlands
Engr. Ovhd. Constr.
L. J. Van Desen..... "

Power sta. equip. 1 d. c. G. E. 400 kw; ——a. c. 2650 kva; 800 hp. e. Harrisbg; 1760 hp. b. Erie, Stir: 2650 kw. turb (stm) Westg H. B. & M. trans. volt. 6600 v; trolley volt. 625 v.

Power sta. (owned by Monmouth Ltg. Co.) and repair shops at Keyport.

Sub-stas. at Red Bank (2-200 kw. rot. conv.), South Amboy (1-300 kw.. rot. conv.), Stone Church (1-200 kw. rot. conv.)

Reaches Beach Park at Keyport, Auditorium and Beach in Keansburg and Sandlass Beach, Highlands.

44 miles; 4-8½ g; 38 motor and 24 other cars. ★50

LAKEWOOD. 5,149.

598—Trenton, Lakewood & Seacoast Ry. Co.— Office, 300 Main St. (Operated by Point Pleasant Trac. Co.) (Will connect Point Pleasant and Lakewood.)
Pres. George G. Smith .....Lakewood
Sec. A. O. S. Havens.....Point Pleasant
Ch. Engr. Roy T. Havens.. "
Actg. Asst. Mgr.
Roy T. Havens..... " "

1 mile operated (ovhd. catenary); 4-8½ g; 2 motor cars. (10 miles under construction.) ★50

LONG BRANCH. 14,565.

(See No. 609.)

METUCHEN. 2,692.

(See No. 602.)

MILLTOWN. 1,902.

(See No. 602.)

MILLVILLE. 13,807.

599—Millville Traction Co.—(Connects Millville and Vineland.)
Pres. Geo. Wood,
626 Chestnut St., Philadelphia, Pa.
V. Pres. R. D. Wood " "
Sec. G. H. Thomas.....Millville
Treas., & Pur. Agt. D. C. Lewis "
Gen. Mgr. W. B. Rauch.....Millville
Ch. Mech. Engr. Chas. H. Bigelow "
Ch. Engr. Pwr. Sta. Geo. B. Schrider. "

Power sta. and repair shops at Millville. Controls Union Lake Park.

12.54 miles; 4-8½ g; 16 motor and 2 trail cars. 50

MORRISTOWN. 13,006.

600—Morris County Traction Co. — Office, Morristown. (Eastern Div. connects Elizabeth, Union, Springfield, Maplewood, Millburn, Summit, Chatham, Madison, Convent and Morristown; Western Div. connects Morristown, Morris Plains, Mt. Tabor, Denville, Rockaway, Dover, Wharton, Mine Hill, Kenville, Succasunna, Ledgewood and Landing, Union to Elizabeth St. Hospital Brank and Boontors Branck.
Pres. Joseph K. Choate
925 Park Ave., New York. N. Y.
1st V. Pres. C. I. Shannon
1310 Arrott Bldg., Pittsburgh, Pa.
2nd V. Pres. Henry O. Rea
Oliver Bldg., Pittsburgh, Pa.
Sec. & Treas., O. G. Schultz..Morristown
Audr. H. C. Robbins..... "
Gen. Mgr. Claude O. Weidman. "
Supt. Eastern Div. H. Cummings, Millburn
Claim Agt. A. S. Richards....Morristown
Ch. Engr. H. O. Peckham.... "
Traffic Mgr. Wm. R. Schultz. "
M. M. Marvin J. Bogardus... "
Roadmaster, H. O. Beckham. "

Energy purchased from Morris & Somerset Elec. Co. and New Jersey Pwr. & Lt. Co; trolley volt. 575 v.

4 sub-stas. tot. cap. 2300 kw; 8 rot. conv. Repair shops at Dover.

66.38 miles owned (50.57 mi. 1st m. t., 15.81 mi. 2nd m. t.); also 1.62 miles leased. Total miles operated 48.54; 4-8½ g; 49 motor pass and 7 service cars. ★50

601 — Morris R. R. Co.—Office, Morristown. (Connects eastern and western divs. of Morris County Trac. Co.; extends from Danforth Rd., Madison to Washington Headquarters, Morristown.)
Pres. — — —
V. Pres. Joseph K. Choate
43 Exchange Pl., New York, N. Y.
Sec. & Treas. O. G. Schultz..Morristown
2.5 miles. 50

MOUNT HOLLY. 6,000.

(See No. 594.)

NEWARK. 366,721 (1916)

(See also No. 349)

602—Public Service Ry. Co.—Office 80 Park Place. Newark, N. J. (A consolidation of the North Jersey St. Ry. Co. (lessee of all the property of the Consolidated Trac. Co, of New Jersey, Jersey City; Hoboken & Paterson St. Ry. Co., and the United St. Ry. Co. of Central Jersey, the latter formed by merger of Elizabeth & Raritan River St. Ry. Co. and Elizabeth, Plainfield & Central Jersey Ry. Co.) (Absorbed the Newark & South Orange Ry. Co., the North Hudson Turnpike Co. and Pavonia Horse R. R. Co.) (Leases Consolidated Traction Co., Rapid Transit St. Ry. Co. of the city of Newark, Camden Horse Railroad Co., South Orange & Maplewood Trac. Co., the Bergen Turnpike Co - Orange & Passaic Valley Ry. Co., New Jersey & Hudson River Ry. & Ferry Co. (which connects Edgewater, Cliffside Park, Grantwood, Fort Lee, Leonia, Englewood, Teaneck, Bogota, Hackensack, Maywood, Midland, Saddle River

and Paterson, and extends from Hackensack to Woodridge, Carlstadt, Rutherford, Lyndhurst and Arlington, with a branch to Lodi), Camden & Suburban Ry Co., Camden, Gloucester & Woodbury Ry. Co. and Riverside Trac. Co. (which connects Camden, Riverton, Riverside, Beverley, Burlington, Florence Bordentown, and Trenton.) Connects Paterson, Passaic, Newark, Jersey City, Hackensack, Bayonne, Hoboken, West Hoboken, West New York, Elizabeth, Montclair, the Oranges, Westfield, Rahway, Plainfield, Cranford, New Brunswick, Metuchen, Milltown, Perth Amboy, Trenton, Camden and Gloucester.) (Controlled by Public Service Corporation of New Jersey.)

Pres. Thos. N. McCarter.....Newark
V. Prests. { Percy S. Young..... "
Edmund W. Wakelee.. "
Gen. Mgr.
Richard E. Danforth "
Sec. Percy Ingalls..... "
Asst. Secs. { Chas. M. Breder..... "
William H. Feller.... "
William T. Crudge..... "
Treas.
T. Wilson Van Middlesworth... "
Asst. Treasrs. { Robert S. Tomkins..... "
Frederick A. Neis..... "
Compt. William S. Barker..... "
Gen. Audr. Matthew R. Boylan.. "
Asst. Gen. Mgr. Harry C. Donecker "
Ch. Engr. Martin Schreiber..... "
Gen. Supt. N. W. Bolen..... "
Supt. Distrbn. M. B. Rosevear... "
Supt. (Central Div.)
Philip F. Maguire..... "
Pur. Agt. J. A. Pearson..... "
Gen. Claim Agt. H. V. Drown..... "
Asst. Gen. Claim Agt. H. D. Briggs "
Mech. Engr. H. A. Benedict..... "
Asst. Engr. Howard H. George.. "
Supt. M. of Way. Martin White.. "
Real Estate Agt., Geo. Barker... "
Supt. Bldgs.
D. G. Knight, Passaic Wharf, "

Energy obtained from Public Service Elec. Co.

Amusement Parks reached.—Hillside, (Belleville), Olympic, (Irvington), Columbia, (Town of Union) and Palisade, (Fort Lee.)

890.74 miles; 4-8½ g.; 2,402 motor pass. and 285 service cars. ★50

603—Public Service Corporation of New Jersey.—Office, 80 Park Place, Newark, N. J. Inc. in New Jersey May 6, 1903. Owns all stock (excepting directors' shares) of Public Service Elec. Co., which operates, under lease, all the electric properties controlled by the corporation; also owns all stock (excepting directors' shares) of Public Service Gas Co., which operates, under lease, all the gas properties controlled by the corporation. Controls, through stock ownership, the Public Service Ry. Co. and Public Service R. R. Co., which operate directly or under lease all the street railways controlled by the corporation. The corporation also controls, through stock ownership, the Middlesex Elec. Lt. & Pwr. Co., The Nichols Elec. Lt. & Pwr. Co. of Nutley, N. J., Citizens' Elec. Lt., Ht. & Pwr. Co., Burlington Elec. Lt. & Pwr. Co., Weehawken Contracting Co., Morristown Gas Lt. Co., United Elec. Co. of New Jersey, the New Jersey & Hudson River Railway & Ferry Co., the Princeton Lt., Ht. & Pwr. Co., the Orange & Passaic Valley Ry. Co. and the Shore Ltg. Co.

Pres. Thos. N. McCarter.....Newark
V. Prests. { Randal Morgan..... "
Anthony R. Kuser.... "
Percy S. Young..... "
Edmund W. Wakelee "
Asstts. to Pres. { Dudley Farrand..... "
William L. O'Toole.... "
Sec. Percy Ingalls.....Newark
Asst. Secs. { Chas. M. Breder..... "
William H. Feller.... "
William T. Crudge..... "
Treas.
T. Wilson Van Middleswiorth .. "
Asst. Treasrs. { Robert S. Tomkins.... "
Frederick A. Nes..... "
Compt. William S. Barker..... "
Gen. Counsel, Frank Bergen.... "
Asst. Gen. Counsel
Edward Ambler Armstrong.... "
Gen. Solicitor
L. D. Howard Gilmour..... "
Gen. Audr. E. J. Allegaert..... "
Pur. Agt.
J A. Pearson.....Philadelphia, Pa.
Gen. Claim Agt.
H. V. Drown.....Newark
Real Estate Agt. George Barker.. "

★50

NEW BRUNSWICK. 30,019.

(See No. 602.)

OCEAN CITY. 3,721.

(Summer, 20,000.)

604—Ocean City Elec. R. R. Co.—Office, 10th & West Ave , Ocean City.
Pres. Wm. G. Moore
701 Drexel Bldg., Philadelphia, Pa.
Sec. Wm. D. Sherrerd
Real Estate Tr. Bldg. " "
Treas. & Gen. Mgr.
Robt. B. Chew.....Ocean City
Roadmaster, Harry Young.... "

Energy purchased from Ocean City Elec. Lt. Co. 2 d. c. G. E. tot. 275 kw; trolley volt. 550 v.

Repair shops at 10th & Haven Aves.

10 miles; 4-8½ g; 17 motor cars. 50

ORANGE. 29,630.

(See No. 602.)

PASSAIC. 61,225.

(See No. 602.)

PATERSON. 125,600.

(See No. 602.)

PENNS GROVE. 4,412. (1915.)

605—Salem & Penns Grove Trac. Co.—Office, 1411 Walnut St., Phila., Pa. (Extends from Penns Grove to Pennsville, Salem & Carney's Pt., N. J., passing du Pont's plants and villages; direct connection by ferry between Penns Grove N. J., and Wilmington, Del.)

Pres. J. Elliot Newlin
Stock Exchange Bldg. Philadelphia, Pa.
V. Pres. A. F. Porter,
c/o E. I. Du Pont de Nemours & Co., Penns Grove
Sec. & Treas.
Carl N. Martin.....Philadelphia, Pa.
Supt. & Pur. Agt. H. C. Berry Penns Grove
M. M., George Applegate.....Pennsville

Energy purchased from American Railways Co.

3 sub. stas. total cap. 1200 kw; 4 rot. conv; trans. volt. 33,000 v; trolley volt. 600 v.

Repair shops at Pennsville.

Reaches Riverview Beach.

14 miles; 4-8½ g; 15 motor pass. cars. 50

PERTH AMBOY. 39,719.

(See Nos. 597, 602 and 614.)

PHILLIPSBURG. 15,480.

606 — Phillipsburg Transit Co. — Office, 14th and Gordon Sts., Allentown, Pa. (Successor to Phillipsburg Horse Car R.R. Co.) (Controlled by the Easton Consolidated Elec. Co., which is in turn controlled by the Lehigh Valley Transit Co.)
Pres. Jno. A. Bachman.....Phillipsburg
Sec. & Treas.
E. E. Wagner.....Allentown, Pa.
Asst. Sec. & Asst. Treas.
S. H. Sargent.....Philadelphia, "
Gen. Mgr. H. H. Patterson. Allentown, Pa.
Supt. W. E. Titus.....Easton, "
Claim Agt. W. J. Trythall, Allentown, "
Engr. M. of Way, A. F. Smith " "
Supt. of Equip., W. C. Klein.. " "
M. M., C. H. Doud.....Easton, "
Energy purchased from Penna. Utilities Co.; trolley volt. 550 v.
Repair shops at Easton, Pa.
7 miles; 4-8½ g; 16 closed and 2 work cars. 50

PLAINFIELD. 24,516 (1915)

(See No. 602.)

PLEASANTVILLE. 4,390.

607—Atlantic & Suburban Ry. Co. — (Connects Atlantic City, Absecon, Pleasantville, Linwood and Somers Point.)
Pres. Harry E. Kohn...Philadelphia, Pa.
Sec. & Audr. J. M. Campbell. Atlantic City
Treas. Irvin L. Stone...Philadelphia, Pa.
Supt., Claim & Pur. Agt.
R. A. Cale.....Pleasantville
Ch. Engr. W. Marshall..... "
M. M., Howard Channels.... "
Engr. M. of W., Gideon Adams "
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 1050 hp. e. Weth; 900 hp. b. Weth; trolley volt. 575 v.
Power sta. and repair shops at Pleasantville.
18 miles; 4-8½ g; 20 motor and 2 other cars. 50

POINT PLEASANT. 1,284 (1917.)

(Summer 6,500.)

608—Pt. Pleasant Trac. Co.—Gen. Office Summit. (Road abandoned.) (Connected Brick Twsp., Point Pleasant and Bay Head.)
Supt. & Pur. Agt.
A. S. Phelps.....Pt. Pleasant
Power sta. equip. 1 d. c. C—W. 75 kw; 1 mo. gen. set a. c. 2200 v. 3 ph. 100 hp; d. c. 550 v.
Energy purchased from Lakewood & Coast Elec. Co.; trolley volt. 550 v.
Repair shops at Atlantic Ave., Points Pleasant.
Reaches Clark's Landing (R. A. Clark, owner).
3.72 miles; 4-8½ g; 16 motor cars. (Operated only in summer.) ★50

PRINCETON. 5,678.

(See Nos. 613, 615 and 616.)

RAHWAY. 9,337.

(See No. 602.)

RED BANK. 8,631.

609 — Monmouth County Elec. Co. —Gen. office, Red Bank. (Connects Rumson, Oceanic, Fair Haven, Red Bank, Eatontown, Shrewsbury and Long Branch.)
Receivers { Chas. F. Sexton, Long Branch Treas., Gen. Mgr. Claim & Pur. Agt., W. G. Boteler, Red Bank
M. M., S. T. Knight..... "
Energy purchased from Atlantic Coast Elec. Ry. Co.
Repair shops at Shrewsbury.
17.7 miles; 4-8½ g; 16 motor and 5 other cars. 50

RIVERSIDE. 3,800 (1915).

(See No. 602.)

SEA GIRT. 1,500.

(See No. 585.)

SOUTH ORANGE. 6,014.

(See No. 602.)

STONE HARBOR. 459 (1915).

611—Stone Harbor Terminal R. R. Co. — Offices, 96th Street and Sunset Drive, Stone Harbor. Steam road (partly electrified) extends from Cape May Court House to Stone Harbor.
Pres., R. P. Risley.....Stone Harbor
V. Pres., W. J. Warrington. " "
Sec. ——— ———
Treas., D. E. Newton..... " "
4.5 miles; 4-8½ g. 59

SUMMIT. 9,186.

(See No. 608.)

TRENTON. 103,190 (1915)

612—Penna.-New Jersey Ry. Co. — Office, Warren & Hanover Sts. (Successor to Bucks County Interurban Ry. Co.) (Extends from end of Trenton City Bridge in Morrisville through Yardley, Pa., to New Hope, Pa. and Lambertville, N. J. and to Newtown, Pa.; also from Bristol through Hulmeville, Langhorne and Newtown to Doylestown, and has trackage rights and use of terminals in city of Trenton by agreement with New Jersey & Penna. Trac. Co.) (The Public Service Commission of the Commonwealth of Pennsylvania ahg authorized this company to purchise the stock of the Trenton City Bpsrea Co. and the Bucks County Elec. Co.)
Pres. Sydney L. Wright
133 So. 5th St., Philadelphia, Pa.
V. Pres. & Gen. Mgr.
Gaylord Thompson.....Trenton
Sec. & Treas. John M. Morrissey
133 So. 5th St., Philadelphia, Pa.
Gen. Fgt. Agt. H. R. Cox.....Trenton
Supt W. F. Tshudy..... "
Ch. Engr. Pwr. Sta.
Geo. Ettinger..... .Newtown, Pa.
M. M., Wm. Mohr.....Trenton
Pwr. sta. equip.—Yardley: 3 a.c. Westg, Allis-C, G. E. tot. 2100 kw. 3 ph. 25 cys; 2 rot. conv. G. E. tot. 800 kw: 4-226 hp. b. and 2-254 hp. b. Bab. & W. A. & T; trans. volt. 13,200 v; trolley volt. 600 v.
Sub-sta. equip.—Newtown: 1 rot. conv. G. E. 300 kw; trolley volt. 600 v.; Brownsburg: 300 kw. rot. conv.; Bushington: 150 kw. rot. conv.; Hulmeville: 15 kw. rot. conv.
Car barns at Trenton and Newtown, Pa.; repair shops at Newtown, Pa.
48.16 miles; 5-2¼ g; 18 double truck, 13 single truck pass., 3 freight, and 4 work cars; 2 snow plows. (Co. sells energy to New Jersey & Pennsylvania Trac. Co.) ★50

613—New Jersey & Pennsylvania Trac. Co.—Office, Hanover and Warren Sts. (Controls and operates Trenton, Lawrenceville & Princeton R. R., Co. and Princeton St. Ry. Co.) (Connects Princeton, Lawrenceville, Trenton, and grants trackage and terminal facilities in the city of Trenton to Penna.-New Jersey Ry. Co., reaching Morrisville, Yardley, New Hope, Pa., and Lambertville, N. J., Newtown, Bristol, and Doylestown, Pa.)

Pres. Sydney L. Wright, 133 So. 5th St., Philadelphia, Pa.
V. Pres. & Mgr. Gaylord Thompson Trenton
Sec. & Treas. John M. Morrissey, 133 So. 5th St., Philadelphia, Pa.
Gen. Fgt. Agt. H. R. Cox.....Trenton
Supt. W. F. Tshudy..... "
Asst. Supt. Samuel A. Miller.... "
Ch. Engr. Geo. Ettinger..... "
M. M., Wm. Mohr..... "

Energy purchased from Penna.-New Jersey Ry. Co.

Sub-sta. at Lawrenceville (300 kw.)

Repair shops at Hanover and Chancery Sts.

13.25 miles; 4-8½ g; 5 passenger, 8 freight and 2 work cars. ★50

614 — Public Service R. R. Co.—Office, 80 Park Place, Newark. (Merger, in June, 1913, of Trenton Terminal R. R. Co. and Elizabeth, New Brunswick & Trenton R. R. Co. Holds lease of Elizabeth & Trenton R. R. Co. for 999 years from April 1, 1913, as successor to Trenton Terminal R. R. Co.) (Connects Trenton, New Brunswick, Perth Amboy, Roosevelt, Sewaren, Elizabeth and Newark via tracks of the Public Service Ry. Co.) (Controlled through stock ownership by Public Service Corporation of New Jersey.)

Pres. Thos. N. McCarter.....Newark
V. Prests. Percy S. Young..... "; Edmund W. Wakelee "; Gen. Mgr. Richard E. Danforth "
Sec. Percy Ingalls..... "
Asst. Secs. Chas. M. Breder..... "; William H. Feller..... "; William T. Crudge..... "
Treas. T. Wilson Van Middlesworth.. "
Asst. Treasrs. Robert S. Tomkins.... "; Frederick A. Neis.... "
Compt. William S. Barker..... "
Gen. Audr. Matthew R. Boylan. "
Asst. Gen. Mgr. Harry C. Donecker "
Ch. Engr. Martin Schreiber..... "
Gen. Supt. N. W. Bolen..... "
Supt. Distrbn. M. B. Rosevear... "
Claim Agt. H. V. Drown..... "
Asst. Claim Agt. H. D. Briggs.. "
Real Estate Agt. Geo. Barker... "
Supt. Bldgs. D. G. Knight..... "
Pur. Agt. J. A. Pearson..... "
Mech. Engr. H. A. Benedict..... "
Supt. M. of W. Martin White.... "

Power sta. at Plainsboro (plant operated by Public Service Elec. Co.)

49.656 miles; 4-8½ g.; 26 motor cars. ★50

615—Trenton, Lawrenceville & Princeton R. R. Co.—(Controlled and operated by N. J. and Penna. Trac. Co.) (Connects Trenton, Lawrenceville and Princeton.)

Pres. Sydney L. Wright, 133 So. 5th St., Philadelphia, Pa.
V. Pres. Frank Battles 133 So. 5th St., Philadelphia, Pa.
Sec. & Treas. John M. Morrissey, 133 So. 5th St., Philadelphia, Pa.
Gen. Mgr. Gaylord Thompson ...Trenton

Repair shops at Hanover and Chancery St., Trenton.

11 miles; 4-8½ g. ★50

616 — Trenton & Mercer County Trac. Corpn. 143 Broad St. Bank Bldg., Trenton. (Leases the Trenton St. Ry. Co., Mercer County Trac. Co., Trenton, Pennington & Hopewell St. Ry. and the Trenton, Hamilton & Ewing Trac. Co.) (These roads form the Trenton group of the Interstate Rys. properties.) (Connects Pennington, Hopewell, Lawrenceville, Princeton and Hamilton Square.)

Pres. Rankin Johnson.....Princeton
Sec. & Treas. Edw. M. Hunt.....Trenton
Audr. Miss Sarah R. Harvey..... "
Gen. Mgr. & Claim Agt. Edw. J. Peartree..... "
Pur. Agt. M. Gildea..... "
M. M., Herbert Krouse..... "
Supt. Overhead Constr. Harry J. Manley..... "

Power sta. equip; 6 d. c. G. E., Bull., C.-W. tot. 4100 kw; 1500 hp. e. W.-C., Weth; 3600 hp. b. Edge., Bab. & W; 2350 kw. stm. turb. De Laval; trolley volt. 600 v.

Power sta. at Lincoln Ave; repair shops at Lalor St., Trenton.

Reaches White City Park (owned).

70.76 miles; 5-2 g; 149 motor cars, 6 sweepers and plows, 5 other cars. ★50

617—Trenton St. Ry. Co.—Office, 716, Broad St. Bank Bldg. (Controls Mercer County Traction Co., Trenton, Pennington & Hopewell St. Ry. Co. and Trenton, Hamilton & Ewing Trac. Co.) (Controlled by the United Power & Transportation Co., which in turn is controlled by the Interstate Rys. Co.) (Leased to Trenton & Mercer County Trac. Corpn.)

Pres. J. A. Rigg..... Camden
V. Pres. Walter A. Rigg..... "
Sec. & Treas. T. W. Grookett Jr. "

Power sta. at Lincoln Ave.; repair shops at Lalor St.

Controls Spring Lake Park. ★50

VINELAND. 5283.

(See No. 599.)

WASHINGTON. 3,567.

(See No. 921.)

WEST HOBOKEN. 38,776.

(See No. 602.)

WILDWOOD. 6,000 (Winter) 40,000 (Summer) 1919.

618 — Five Mile Beach Elec. Ry. Co.—Office, 3306 Pacific Ave. (Connects North Wildwood, Wildwood and Wildwood Crest.)

Pres. Henry D. Moore.....Haddonfield
Sec. Wm. G. Moore..... "
Treas. & Gen. Mgr. J. Fithian Tatem..... "
Supt. E. T. Nye.....Wildwood

Pwr. sta. equip; 3 d. c. C.W. tot. 400 kw; 270 hp. e. Bckye; purchases steam from West Jersey Elec. Co.

4.5 miles; 4-8½ g; 22 motor pass. cars. 100

NEW MEXICO.

ALBUQUERQUE. 14,026 (1916).

619—City Electric Co. (Successor to Albuquerque Trac. Co.)—Office, Occidental Life Bldg., Albuquerque. (Connects Old Albuquerque, Albuquerque and Barelas.)

Pres. Geo. Roslington.....Albuquerque
V. Pres. W. L. Noneman.... "
Sec. & Treas. J. R. Hagy... "

Supt. Joe Miller.....Albuquerque
Energy purchased from Albuquerque Elec Lt. & Pwr. Co. Repair shops at Old Albuquerque.
Owns Traction Park.
7¼ miles; 4-8½ g; 12 mo. pass. cars. ★50

LAS VEGAS. 6,934.

620—Las Vegas Transit Co.—Local office, Douglas Ave., East Las Vegas; Executive office, 60 Broadway, New York, N. Y. (Controlled by Las Vegas Light & Power Co., which in turn is controlled by Federal Lt. & Trac. Co.) (Connects Las Vegas with East Las Vegas.)
Pres. E. N. Sanderson, 60 Broadway, New York, N.Y.
1st V. Pres. C. H. Nichols..... " " " "
2nd V. Pres. & Treas. J. Dunhill..... " " " "
Sec. E. K. H. D'Aeth " " " "
Mgr. E. A. Bradner.....East Las Vegas
Energy from Las Vegas Lt. & Pwr. Co.; trans. volt. 2300 v; trolley volt. 600 v.
Repair shops at 12th St. & San Francisco Ave.
3.7 miles; 4-8½ g; 4 motor cars. ★50

NEW YORK.

ALBANY. 107,979 (1915).

(See also Nos. 745 and 754)

621—Albany Southern R. R. Co.—Mailing address, Albany. Office, Rensselaer. (Connects Albany, Rensselaer, East Greenbush East Schodack, Nassau, North Chatham, Electric Park, Niverville, Valatie, Kinderhook, Stuyvesant Falls, Goulds, Stockport Center, Stottville and Hudson.)
Pres. Wm. Loeb, Jr., 120 Broadway, New York
V. Prests. { Richard Sutro " " / Gen. Mgr. / James E. Hewes,..... Albany
Sec. & Treas. Irvin W. Day, 100 Broadway, New York
Audr. James A. Connell .....Rensselaer
Supt. & Cl. Agt. J. E. Newman "
Pur. Agt. C. W. Mullaney..... "
Gen. Fgt. & Pass. Agt. C. E. Holmes.....Albany
Elec. Engr. & M. M. Geo. Osburn.....Rensselaer
Ch. Engr. Pwr. Sta. T. H. Ceperley.....Stuyvesant Falls
Power sta. equip. 10 a. c. G. E. tot. 8200 kw. 12,000 & 2300 v. 3 ph. 25 & 60 cys; 2800 hp. b. Bab. & W; 4000 kw. turb. (stm.) G. E; 6755 hp. turb. (wtr.) S. B: trans. volt. 12,000 v; trolley volt. 600 v; 1 mot. gen. 500 kw. 40-60 cys. 11,000-2300 v. 4 indoor and 8 outdoor sub-sta; 8 rot. conv.
Power stas. at Rensselaer and Stuyvesant Falls; repair shops at Rensselaer. Purchases at Rensselaer 500 kw. from Municipal Gas Co., Albany.
Reaches and owns Electric Park at Kinderhook Lake.
60.9 miles (third-rail); 4-8½ g; 26 motor pass., 2 exp. motor, 8 fgt. and 9 other cars; 1 elec. loco. Co. does gen. ltg. and pwr. business. ★50

622—United Traction Co.—Office, 598 Broadway. (Operates The Capitol Ry., Lansingburg & Cohoes R. R. Co., Troy & Cohoes R. R. Co., Waterford & Cohoes R. R. and Cohoes Ry. Co.) (Connects Albany, Rensselaer, Troy, Cohoes, Watervliet, Green Island and Waterford.)
Pres. L. F. Loree, 32 Nassau St., New York
V. Prests. { W. H. Williams " " " / H. B. Weatherwax.....Albany / W. B. Schofield 32 Nassau St., New York
Sec. F. M. Olyphant..... "
Treas. C. A. Hoag.....Albany
Audr. D L Waters..... "
Atty. John MacLean..... "
Compt. W. E. Eppler..... New York
Gen. Mgr. A. E. Reynolds.....Albany
Asst. Gen. Mgr. T. J. Lynch.....Troy
Claim Agt. J. S. Carter..... "
Gen Supts. { Albany Div. C. A. Coons..Albany / Troy Div. E. E. Fateman...Troy
Div. Supts. { F. Mann... .....Albany / T. P. Bowe..... " / A. Crable .....Troy / Fred Durant..... "
Supts. { Equip. Ernest Murphy...Albany / Pwr. Sta. Hugh O'Neil... " / Ovhd. Cons. M. Leahy.... "
Engr. Pwr. & Lines, C. E. Fasoldt..Albany
Engr. M. of W., Chas. Brennan... "
Power stas. equip. 12 d. c G. E., Westg., Walker tot. 4340 kw; 5050 hp. e. K. & K., Cpr., Green; 3420 hp. b. Bab. & W., Stir; energy also from Adirondack Elec. Pwr. Corpn.; trans. volt. 11,000 v; trolley volt. 550 v.
Power stas. at Albany and Troy; repair shops at Albany (main shops) and Troy (division shops).
112,396 miles; 4-8½ g; 491 motor and 8 other cars. ★50

AMSTERDAM. 34,319.

(See No. 648.)

AUBURN. 34,668.

(See also No. 749.)

623—Auburn & Syracuse Elec. R. R. Co.—Office, 82 Genesee St., Auburn. (Operates in Auburn and an interurban division between Auburn, Skaneateles, Marcellus, Split Rock and Syracuse.) (Under management of Peck, Shannahan & Cherry, Inc.
Pres. T. C. Cherry.....Syracuse
V. Prests. { H. G. Metcalf.....Auburn / Gen. Mgr. & Pur. Agt. / W. J. Harvie.....Syracuse
Sec. H. C. Beatty ..... "
Treas. & Audr. L. E. Lippitt.....Auburn
Supt. J. G. Nellis..... "
Cl. Agt. & Gen. Fgt. & Pass. Agt. W. J. Lee..... "
Supt. Equip. R. W. Rockwell... "
Roadmaster, John Bergin..... "
Energy purchased from Niagara, Lockport & Ontario Pwr. Co: trans. volt. 16,500 v; trolley volt. 550-600 v.
Repair shops at Auburn.
Reaches and owns Lakeside Park. Owasco Lake, Auburn.
64.76 miles: 4-8½ g; 55 pass., 3 fgt. motor, 1 fgt. without motor and 8 other cars. ★50

AVON. 2,480.

(See No. 740.)

BABYLON. 3,100.

624—Babylon R. R. Co.—Office 40 Pine St., New York, N. Y. (Extends and operates from Long Island R. R., Amityville, to steamboat dock at foot of Fire Island, Babylon.)
Pres. Arthur C. Hume,.....New York
Fred. L. Kopff..... "
Supt., Claim Agt. & Gen. Fgt. & Pass. Agt. Gilbert G. Dorland. Babylon
M. M., Chas. May..... "
Energy purchased from Babylon Elec. Lt. Co.; trolley volt. 550 v.

Repair shops at West Babylon.
8 miles; 4-8½ g; catenary overhead; 5 motor and 2 other cars. (Plans to install electric generating plant.) 89j

BALLSTON. 4,344.

625—Kaydeross Railroad Corporation—Office 309 Milton Ave. (Purchased the property of Eastern New York R. R. Co.) (Operates between Ballston and Middle Grove.)
Pres. E. M. Brown.....Rock City Falls
V. Pres. D. W. Mabee.....Saratoga
Sec. W. H. Estes.....Ballston
Treas. H. M. Brown.....Rock City Falls
Supt. S. A. Egan.....Ballston
Ch. Engr. Fred. Sherman..... "
Energy purchased from Adirondack Elec. Pwr. Corp; 1-300 kw. rot. conv. G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops at Factory Village (no P. O.)
15 miles; 4-8½ g; 2 motor and 4 other cars. ★50

BATAVIA. 13,278.

626—Batavia Traction Co., Inc.—Office, 400 W. Main St., Batavia.
Pres. & Gen. Mgr.
S. W. Brown.....Batavia
V. Pres. W. F. Haltz..... "
Sec. N. K. Cone..... "
Treas. G. W. Watson..... "
Energy purchased from Genesee Lt. & Pwr. Co., 1 d. c. West; 1 mo. gen. set.
Repair shops at Clinton St.
2.25 miles; 4-8½ g; 5 motor pass. cars and 1 snow plow. ★50

BEACON, 10,825 (1915).

627—Fishkill Electric Ry. Co.—Office, Beacon. (Operates under lease the Citizens R. R. Light & Power Co. —2.53 miles.) (Connects Newburgh by ferry with City of Beacon and Fishkill.)
Pres. Wm. J. Conklin.....Fishkill
Sec. Harry K. Tompkins.....Beacon
Treas. George F. Patterson..... "
Audr. John R. Farmer..... "
Gen. Mgr. W. E. Conklin..... "
Supt. & Elec. Engr. Wm. G. Duntz "
Energy purchased from Central Hudson Gas & Elec. Co.; trans. volt. 13,000-2300 v; trolley volt. 600 v.
1 sub-sta.; 1 rot. conv. Westg. 500 kw. 2300 v. 2 ph. 60 cys; 600 v. d. c.
Power sta. and repair shops at Beacon. Reaches Mt. Beacon.
4.32 miles owned (4.26 mi. 1st m. t. 0.06 mi. sid.); also 2.91 miles leased. Total miles operated 7.23; 4-8½ g; 20 motor pass., 1 motor service and 2 trail service cars. (Installing 1 West. rot. conv. 300 kw. 1800 v. 2 & 3 ph. 60 cys—600 v. d. c. 350 hp. wtr. turb; 1 a. c. 200 kw. 2300 v. 60 cys.) ★70

628—Mt. Beacon-on-Hudson Association.—Office, Beaconcrest, Beacon. (Operates cable incline railway to summit of Mount Beacon.)
Pres. & Treas.
Jesse B. Pattee.....Manchester, N. H.
V. Pres. & Gen. Mgr.
John B. Lodge.....Manchester, N. H.
Ch. Engr. Robert Barrett.....Beacon
Energy purchased from Southern Dutchess Gas & Elec. Co.; trans. and trolley volt. 500 v.
2200 ft. cable incline; 2 cars. 119

BINGHAMTON. 65,000 (1918.)

629—Binghamton Railway Co.—Office, 375 State St. (Connects Binghamton, Port Dickinson, Johnson City, Endicott and Union.) (Owned by Scranton & Binghamton R. R. Co.)
Receiver W. G. Phelps.....Binghamton
Pres. F. L. Fuller..... "
1st V. Pres. R. W. Day....Scranton, Pa.
2nd V. Pres. A. J. Parsons..Binghamton
Sec. W. H. Hecox..... "
Treas. Elmer M. White..... "
Asst. Sec. & Asst. Treas.
H. I. Jackson..... "
Claim Agt. H. A. Smeck
375 State St. "
Supt. Transpt. V. W. Burley "
Ch. Engr Pwr. Sta.
E. C. Skinner..... "
M. M., H. M. Rhoda..... "
Power sta. equip. 6 d. c. G. E. tot. 1500 kw; 1 a. c. G. E. 1500 kw. 370 v. 3 ph. 25 cys; 500 hp. e. B. & W., McI. & S: 2000 hp. b. Bab. & W., A. & T.; 2000 kw stm. turb. G. E.; trans volt. 13,200 v; trolley volt. 600 v.
Power station and repair shops at 375 State St., Binghamton.
Reaches Ideal Park and Ross Park.
49.74 miles; 4 8½ g; 141 motor and 21 other cars. (Company does general lighting and power business in Endicott.) ★50

BROOKLYN. 1,928,482 (1915).

(See No. 666. 667, 668, 669, 670, 671, 672 and 673)

BUFFALO. 461,887 (1915).

(See also No. 760.)

630—Buffalo & Depew Ry. Co.—Local office, Depew; general office, 618 Ellicott Square, Buffalo, N. Y. (Connects Buffalo, Depew and Lancaster.)
Receiver, Wm. B. Cutter.....Buffalo
Sec. Percy Eaton..... "
Supt. Pur. Agt. & Engr. M. of W., U. L. Upson.....Depew
Ch. Engr. Pwr. Sta.
C. L. Hendryx..... "
Elec. Engr. & M: M., F. S. Russ.. "
Energy purchased from Niagara & Erie Pwr. Co.: 2 d. c. G. E. tot. 700 kw; trolley volt. 550 v.
Power sta. and repair shops at Depew.
Reaches Smith's Grove and Gangloff Park (private).
14 miles; 4-8½ g; 12 motor, 4 trailers and 2 other cars. 119

631—Buffalo & Lackawanna Trac. Co.
Receiver, Harry Evers, Ellicott Sq. Bldg. Buffalo
Pres. M. D. Evans 61 Broadway. New York
V. Pres. P. C. Schutrum 43 Exchange Pl. "
Sec. & Treas. F. G. Robinson 61 Broadway. "
Energy from International Ry. Co. and Buffalo & Lake Erie Trac. Co.
8.8 miles; 4-8½ g. 50

632—Buffalo & Lake Erie Trac. Co.—Office, Exchange Bldg., Erie, Pa. (Connects Buffalo, Lackawanna, Hamburg, Angola, Silver Creek, Dunkirk, Fredonia, Brocton, Westfield and Ripley, N. Y.; North East and Erie, Pa.)
Receiver, Geo. Bullock, 61 Broadway, New York
Treas. & Pur. Agt.
A. F. Tideswell..... Erie, Pa.
Audr. M. J. Binkley..... "
Gen. Mgr. A. R. Myers..... "
Asst. Gen. Mgr. Geo. Baker.....Fredonia
Supts. { P. J. Gallagher..... "
R. T. Nolan.....Erie, Pa.
John Mills.....Buffalo
Louis Pease.....Erie
Supt. Overhead, Wm. Jefferson..Fredonia
M. M., P. J. Wood.....Erie, Pa.

Roadmaster, C. M. Harrison....Fredonia
Energy purchased from Niagara, Lockport & Ontario Pwr. Co. and Erie Ltg. Co.; trolley volt. 650 v. catenary.
Repair shops at Buffalo and Fredonia, N. Y., and Erie, Pa.
Reaches Waldameer Park, Erie, Pa.; Central Park, between Dunkirk and Fredonia, N. Y.; and Pt. Gratiot on Lake Erie.
191.15 miles; 4-8½ g; 352 motor pass., 20 trail pass., 10 motor fgt., 15 trailer fgt. and 19 service cars. ★50

633—Erie County Trac. Co.—(Formerly The Buffalo Southern Ry. Co.) Office. 2455 Seneca St., Buffalo. (Connects Buffalo, Hamburg, Orchard Park, Gardenville and Ebenezer.)
Pres. Wm. M. Griffith.....Jamaica
Sec. Richard S. Persons.....East Aurora
Gen. Mgr. & Treas.
Nathan A. Bundy.....Buffalo
Supt. Line & Mot. Pwr.
John Holstein ....Ebenezer
Ch. Engr Pwr Sta. G.A.Wahle "
Track Foreman, Fred. Slade. Gardenville.
Power sta. equip. 2 d.c. Keystone, G.E.; 325 hp. e. (gas).
1 sub-sta. cap. 600 kw; 2 rot. conv.
Power sta. at Ebenezer; repair shops at Gardenville and Orchard Park.
Reaches Erie County Fair Grounds at Hamburg, Lein's Park (Buffalo), owned by H. C. Lein and Gardenville Park.
25.35 miles; 4-8½ g; 12 motor and 16 other cars; 2 snow plows, 1 sweeper. (8 miles to E. Aurora under construction.) ★50

634—International Railway Co.—General Office, Littell Bldg., cor Huron and Franklin Streets, Buffalo. (A consolidation into one operative company, of all the street railways in Buffalo, Niagara Falls, Lockport, Tonawanda, North Tonawanda and vicinity. The constituent companies merged, consolidated or purchased are as follows: Buffalo Railway Co., Buffalo Traction Co., Buffalo & Niagara Falls Elec. Ry., Buffalo, Bellevue & Lancaster Ry. Co., Buffalo & Lockport Ry., Buffalo, Tonawanda & Niagara Falls Electric Railroad Co., Elmwood Ave. & Tonawanda Elec. Ry. Co., Lockport & Olcott Ry., Niagara Falls & Suspension Bridge Ry. Co., Niagara Falls Whirlpool & Northern Ry., Niagara Falls Park & River Ry. Co., Niagara Falls, Ont., Niagara Falls Suspension Bridge Co., Clifton Suspension Bridge Co., Lewiston Connecting Bridge Co., Queenstown Heights Bridge Co., Crosstown St. Ry. Co. of Buffalo and The Elec. City Ry. Co., Niagara Falls.) (Purchased right of way, property and holdings of the Frontier Elec. Ry., which was organized to construct an elec. ry. over private right-of-way from Niagara Falls to Buffalo.) (Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.) (Owned and controlled by the International Trac. Co.) (Connects North Tonawanda, Tonawanda, La Salle, Niagara Falls, N. Y., Niagara Falls, Ont., Lockport, Olcott, Lancaster and Depew, N. Y.)
Pres. H. G. Tulley.....Buffalo
V. Pres. { Gen. Counsel. Thos. Penney
858 Ellicott Sq. "
Edgar J. Dickson ..... "
Sec. C. A. Weber ..... "
Compt. W. C. Dunbar..... "
Treas. P. C. Reinhardt..... "
Audr. C. A. Chavel ..... "
Gen. Claim Agt. M. R. Kline..... "
Pur. Agt. H. C. Young ..... "
213 Littell Bldg., "
Gen. Sup. Transp. W. M. Casey... "
Supts of Divs. { Niag. Falls Div. E. H. Heming..... "
Lockport Div. A S. Henry "
Equip. J. W. Hulme
Main & Michigan Sts., Buffalo
Pwr. G. W. Dunlap.
Supts. { Niagara & School Sts. "
Track, Line, Bridge and Bldg. Depts. H. L. Mack
Main & Virginia Sts. "
Engr. H. E. Riexinger
Main & Virginia Sts., "
Traffic Agt., W. J. Whiteside..... "
Gen. Agt. George Chambers..... "
Power sta. equip. 9 d. c. G. E. tot. 5900 kw; 3 a. c. G. E. West. tot. 8500 kva. 11,000 v. 3 ph. 25 cys; 7200 hp. e. Allis-C, Lake Erie; 3000 hp. b. Bab. & W; 5500 kw. turb. (stm.) West; 3000 hp. turb. Jenckes, Kennedy, trans. volt. 11,000 v; trolley volt., 600 v.
12 sub-stas. tot. cap. 39,000 kw; 47 rot. conv., (2000 kw. 23-1000 kw. 20-400 kw.)
Power stas. at Niagara St., Buffalo and Queen Victoria Park, Canada.
Repair shops at Main St. and Michigan Ave., Buffalo.
Company owns hotel and amusement resort at Olcott Beach; reaches Delaware, Cazenovia, South, Humboldt City Parks and B. L. & O. Div. (owned.)
399.08 miles owned (222.21 mi. 1st m. t., 143.80 mi. 2nd m. t., 33.07 mi. sid.); also 30.87 miles leased and 8 miles track rights Total miles operated 433.71; 4-8½ g. 915 motor pass., 26 trail pass., 11 motor exp. & fgt., 11 trail exp. & fgt., 97 motor service and 68 trail service cars; 3 elec. locos. ★60

635—International Traction Co.—Gen. Office, Littell Bldg., Corner Huron and Franklin Sts. Registered office, with Corporation Trust Co., 15 Exchange Place, Jersey City, N. J. (Holding company, owning entire stock of International Ry. Co.)
Chmn. Ex Com.. Rodman E. Griscom, 40 Wall St., New York
Pres. E. G. Connette.....Buffalo
Sec. Norman Ollie ..... "
Treas. P. C. Reinhardt..... "
Audr. C. A. Chavel..... "
70

CANANDAIGUA. 7,501.

636—Ontario Light & Trac. Co.—Office, 267 State St., Rochester. (The lighting interests of this company have been merged into the Rochester Gas & Elec. Corpn.) (Leased to and controlled through stock ownership by New York State Rys.)
Pres. Jas. F. Hamilton.....Rochester
Sec. & Asst. Treas.
J. C. Collins..... "
Treas. M. S. Barger
466 Lexington Ave., New York
Asst. Sec. Howard L. Reichart Rochester
Gen. Audr. Joseph M. Joel....Rochester
3 miles; 4-8½ g. 50

COHOES. 24,709.

638—Cohoes Ry. Co.—Office, 598 Broadway, Albany. (Connects Cohoes, Watervliet, Green Island and Troy.) (Leased and operated by the United Trac. Co.)
Pres.
L. F. Loree...32 Nassau St., New York
V. Prests. { W. H. Williams
32 Nassau St., "
H. B. Weatherwax....Albany
W. B Schofield
32 Nassau St., New York
Treas. C. A. Hoag.....Albany
Audr. D. L. Waters..... "
Atty. John MacLean..... "
Compt. W. E. Eppler ..... "
Gen. Mgr. A. E. Reynolds..... "
6.682 miles; 4-8½ g; 9 motor cars. 50

COOPERSTOWN. 2,634 (1915).

639—Southern New York Pwr. & Ry. Corpn. — Office, Cooperstown. (Successor to Otsego & Herkimer R. R. Co.) (Connects Oneonta, Cooperstown, Richfield Spgs., Jordanville, Schuyler Lake, Fly Creek, Index, Hartwick, Laurens, Mohawk and Herkimer.)
Pres. Jos. B. Mayer, 43 Exchange P.., New York
V. Pres., Gen. Mgr. & Pur. Agt. C. L. Stone.....Cooperstown
Sec. J. L. DeRosset 37 Wall St., New York
Treas. & Audr. H. R. Skirving Cooperstown
Gen. Supt. G. C. Killeen.....Hartwick
Supt. Transp. W. G Andrus..... "
Claim, Gen. Fgt. & Pass. Agt. E. D. Conklin .....Richfield Springs
Elec. Engr. C. S. Stanton....Cooperstown
Power sta. equip. 5 a. c G. E., Westg. tot. 4500 kw. 13 200 v. 3 ph. 25 cys; 1500 hp. e. Bass; 1050 hp. b. Bab. & W; 4000 hp. turb. (wtr.) Holyoke; trans. volt. 13,200 v; trolley volt. 600 v.
Steam plant and repair shops at Hartwick; hydro-electric plant at Colliersville.
Reaches Canadarago and Lake House Parks.
65.66 miles; 4-8½ g; 32 motor and 26 other cars. (Co. sells energy to Southern New York Power Co.) 50

CORNING. 13,730.

640—Corning & Painted Post St. Ry.—Gen. Office, 50 Church St., New York City. (Connects Corning and Painted Post.)
Pres. F. D. Underwood.....New York
V. Prests. { Treas. David Bosman "
G. F. Brownell..... "
Sec. & Pur. Agt., J. E. Packer.... "
Compt. A. L. Sorensen..... "
Ch. Engr. R. C. Falconer..... "
Gen. Supt. J. R. Empey.....Elmira
Gen. Agt. C. B. Hammond..... "
Energy purchased from Corning Lt. & Pwr. Corp.; trolley volt. 570 v.
Repair shops at Mosey Glen.
5.9 miles; 4-8½ g; 13 motor pass. and 3 other cars. 50

CORTLAND. 12,367.

641—The Cortland County Traction Co.—Office, 129 S. Main St. (Connects Cortland, Homer, McGraw, Preble and Little York.)
Pres. Edwin Duffey.....Cortland
V. { D. W. VanHoesen..... "
Prests. { E. H. Brewer..... "
Sec., Treas., Gen. Mgr. & Pur. Agt. G. H. Garrison..... "
Power sta. equip. 1 d. c. G. E. 200 kw; a. c. G. E. tot. 400 kw. 2200 v. 2 ph. 602 cys; 750 hp. e. B. & W; 1330 hp. b. A. & T., Heine, Edge; 2000 kw. turb. (stm.) G. E; trolley volt. 600 v.
Power sta. and repair shops at Cortland.
Reaches and owns Little York Park.
17.4 miles; 4-8½ g; 14 motor pass., 6 trail pass., and 2 other cars. (Company does lighting and power business.) 50

DUNKIRK. 17,870

(See No. 632.)

EAST ROCHESTER. 3,471.

(See No 750a.)

ELMIRA. 40,073 (1915).

642—Elmira, Corning & Waverly R. R.—Office, 400 East Water St., Elmira. (Operates between Wellsburgh, Chemung, Waverly, Elmira, Corning, E. Corning and Big Flats.)
Treas. W. J. Moody.....New York
Compt. A. L. Sorenson..... "
Pur. Agt W. R. Collins..... "
Gen. Supt. J. R. Empey .....Elmira
Gen. Agt. C. B. Hammond..... "
Supt. Equip. J. A. Wilcox..... "
Energy from Elmira Wtr. Lt. & R. R. Co.; trans. volt. 11,000 v; trolley volt. 600 v.
Repair shops at Corning.
36 miles; 4-8½ g; 13 motor cars and 1 other car. ★50

643—Elmira Wtr. Lt. & R. R. Co.—Office, Hulett Bldg., cor. Lake & Water Sts. (In 1914, absorbed West Side R. R. Co., and in 1916, absorbed Elmira & Seneca Lake Trac. Co. and Elmira Transmission Co.) (Controlled by United Gas & Elec. Co., which in turn is controlled by The United Gas & Elec. Corpn., 61 Broadway, New York, N. Y.) (Connects Elmira, Elmira Heights, Center Mills, Horseheads, Pine Valley, Millport, Croton, Montour Falls, Watkins, Southport Corner, and West Elmira.)
Pres. E. G. Connette .....New York
V. Pres. Geo. Bullock..... "
V. Pres. & Gen. Mgr., F. H. Hill...Elmira
Sec. & Treas. C. A Kolstad..... "
Asst. Sec. J. A. McKenna.....New York
Pur. Agts. United Gas & Elec. Engrg. Corpn. .....New York
Supt. Transp. & Claim Agt. Francis G. Maloney.....Elmira
Gen. Fgt. Agt. C. J. Manany..... "
Ch. & Elec. Engr., H. E. Gough ... "
Engr. Pwr. Sta. G. A. Donson..... "
M. M., J. R. Cochran..... "
Roadmaster, Paul Mantell..... "
Supt. Equipt. & Ovhd. Constr. A. C. Jordan..... "
Power sta. equip. 4 a. c. turbo-gen. Allis-C, G. E. tot. 18,000 kva. 2300 v. 3 ph. 60 cys; 4716 hp. b. Bab. & W; trans. volt 11,000 and 22,000 v; trolley volt. 600 v.
2 sub-stas. tot. cap. 2850 kw. (ry.) 5 rot. conv.
Power sta. at E. Water & Sullivan Sts; repair shops at E. 5th St., Elmira.
Reaches and owns Rorick's Glen Park and Maple Ave. Driving Park; reaches the Chemung and Schuyler County Fair grounds, Havana Glen Watkins Glen, Seneca Lake and Eldridge Park.
48.08 miles (41.91 mi. 1st m. t., 4.08 mi. 2nd m. t., 2.09 mi. sid.); 4-8½ g; 76 motor pass., 6 trail pass., 1 motor freight and 17 motor service cars. (Company does gas and electric lighting and power business. ★50

FAIRPORT. 3,553.

(See No. 750a.)

FALCONER. 2,342.

(See No. 656.)

FISHKILL. 516.

(See No. 627.)

FLUSHING.

(See No. 743.)

FREDONIA. 5,285.

(See No. 632.)

FREEPORT. 7,463 (1915).

(See also No. 649.)

644—Great South Bay Ferry Co.—Office, 1-7 Railroad Ave. (Absorbed the Sea Shore Municipal R.R. Co.) (Part

of line which connects Freeport and Point Lookout with Long Beach, 6 miles.)
Pres., Treas. & Gen. Mgr.
Julius Bindrim,
479 S. Grove St., Freeport
Sec. Madeline Kober.....Merrick
Atty. Elvin N. Edwards,.....Freeport
Supt. Grover Stevens..... "
Energy purchased from New York & Long Island Trac. Co., trans. volt. 550 v.
Reaches Point Lookout and Nassau By Sea.
2.92 miles; 1.5 miles (owned), 1.42 miles track rights; 4-8½ g; 3 motor pass. and 1 motor freight car. ★50

FULTON. 11,188.

(See No. 749.)

GARDENVILLE. 550.

(See No. 633.)

GENEVA. 13,232.

(See Nos. 741 and 747.)

GLEN COVE. 3,750.

(See also Nos. 716, 717, 720, 725 and 746.)

645—The Glen Cove R. R. Co.—Office, Penn. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Sea Cliff, Glen Cove, Glen Cove Dock and Hempstead Harbor.)
Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Hoff..... "
Treas.
J. F. Fahnestock.....Philadelphia, Pa.
Compt. E. A. Stockton. " "
Supt. Alvah Seaman.....Far Rockaway
Real Estate Agt.
H. A. Howarth.....New York
Energy from The Long Island R. R. Co.; trolley volt 2200 v.
3.27 miles (catenary); 4-8½ g; 4 motor cars and 1 other car. ★50

GLENS FALLS. 16,323.

646—Hudson Valley Ry. Co.—(A consolidation of the Stillwater & Mechanicsville St. Ry. Co., the Greenwich & Schuylerville Elec. R. R., the Saratoga Trac. Co., the Saratoga Northern Ry., the Glens Falls, Sandy Hill & Fort Edward St. R. R. Co., and the Warren County Ry. Leases The North River Ry.) (Connects Troy, Mechanicsville, Saratoga, Glens Falls and Warrensburg.)
Pres.
L. F. Loree...32 Nassau St., New York
V. Prests. { W. H. Williams, 32 Nassau St., " ; Pur. Agt. H. B. Weatherwax. Albany
Sec. F. M. Olyphant.....New York
Treas. C. A. Hoag.....Albany
Audr. D. L. Waters..... "
Compt. W. E. Eppler
32 Nassau St., New York
Atty. Jas. McPhillips.....Glens Falls
Gen. Mgr. A. E. Reynolds.....Albany
Asst. Gen. Mgr. A. V. Louer... "
Div. Supt. Edw. D. Preston.... "
Div. Supt. John Mahoney.....Stillwater
Gen. Pass. Agt. F. J. Keenan Glens Falls
Gen. Fgt. Agt F. F. Newberry "
Supt. of Equip. James Watt... "
Res. Engr. N. E. Davis..... "
Supt. Pwr & Lines G. W. Davison "
Pwr. sta. equip. 2 d. c. West. tot. 500 kw; 2 a. c. G. E., C. W. tot. 580 kva. 440 v. 3 ph. 40 cys.
6 sub-sta. tot. 3975 kw; 6 rot. conv; trans. volt. 22,000 v; trolley 600 v.
Pwr. sta. at Stillwater and Middle Falls; repair shops at Queensbury, Stillwater and Saratoga.
Reaches Kaydeross Park, Saratoga Lake and Ondawa Park, Greenwich.
196.18 miles; 4.8½ g; 114 motor and 8 other cars. ★50

648—Fonda, Johnstown & Gloversville R. R. (Electric Div.)—Office, Gloversville. (Connects Gloversville, Johnstown, Fonda, Amsterdam and Schenectady.)
Pres. J. Ledlie Hees.....Gloversville
Sec. Frank Burton..... "
Treas. & Audr. Geo. A. Harris "
Asst. Treas. E. J. Beach..... "
Asst. Audr. Joseph Peasley.. "
Gen. Mgr. W. H. Collins.... "
Supts. { Amsterdam Div. C. B. Nellis.....Amsterdam ; Cayadutta Div. A. E. Cummings..Gloversville
Claim Agt. Wm. H. Hyland... "
Gen. Pass. Agt. F. A. Moore.. "
Pur. Agt. A. E. Venner..... "
Ch. Engr. Judson Zimmer...Tribes Hill
Ch. Eng Pwr. Sta. C. L. Gates. "
Roadmaster, Thos. Ryan.....Gloversville
Summer Resort Mgr.
F. W. Wilson .....Sacandaga
Power sta. equip. 3 d. c. exc. G. E. tot. 225 kw; 3 a. c. G. E. tot. 3000 kw. 3 ph. 25 cys; 4500 hp. e. Allis-C; 4000 hp. b. Spgf; trans. volt. 13,200 v; trolley volt. 575 v; energy also purchased from East Creek Elec. Lt. & Pwr. Co.
3 sub-sta. tot. cap. 3500 kw; 10 rot. conv.
Power sta. at Tribes Hill; repair shops, at Amsterdam and Gloversville. Sub-stas. at Amsterdam, Glenville & Johnstown.
Owns and operates Sacandaga (Summer Resort.)
82 miles; 4-8½ g; 65 motor pass., 25 other motor and 30 other cars. ★50

HAMBURG. 2,744.

(See No. 632.)

HEMPSTEAD. 6,073.

649—The New York & Long Island Trac. Co.—Office, Hempstead, L. I. (Connects Mineola, Garden City, Freeport, Rockville Centre, Hempstead, Queens, Lynbrook, Valley Stream, Rosedale, Springfield, Ozone Park, Woodhaven Junction, Munson, Franklin Square, Queens and Jamaica.) (Controlled by The Long Island Consol. Elecl. Cos. and Interborough Rapid Transit Co.)
Pres.
C. L. Addison...Penn. Sta., New York
V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
Sec. & Treas.
W. F. Brown....Penn. Sta., New York
Audr. Wm. Hartz.....Long Island City
Supt. John M. Stoddard.....Hempstead
Claim Agt. A. J. Eaton..Long Island City
Engr. Pwr. Sta.
D. W. McFaul.....Rockville Centre
Power sta. equip. 2 a. c. West. tot. 1000 kw. 2 ph. 60 cys; 1000 hp. e. Cor. Ger; 1000 hp. b. Nat'l; trans. volt. 6600 v; trolley volt. 575 v.
1 sub-sta. cap. 400 kw; 2 rot. conv.
Power sta. at Rockville Centre; repair shops at Hempstead.
Reaches Belmont Park.
41.99 miles; 4-8½ g; 36 motor pass. and 7 other motor cars; 1 other car. ★50

HOMER. 2,695.

(See No. 641.)

HOOSICK FALLS. 5,532.

650—Hoosick Falls R.R. Co.—Gen Office, 129 Church St., New Haven, Conn. (Leased to the Vermont Co., and by agreement with said company the Berkshire St. Ry. Co. operates the property.) (Connects Hoosick Falls, N. Y. and Bennington, Vt.)
Pres. Howard Elliott..New Haven, Conn.
V. Prests. { L. S. Storrs " " "
Gen. Mgr. C. Q. Richmond, Pittsfield, Mass.
Sec. & Treas.
A. E. Clark.....New Haven, Conn.
Audr. I. A. May..... " "
Supt. Geo. E. Greene.....Hoosick Falls
Engr. Pwr. Sta.
T. H. Curran.....Walloomsac
Power sta. equip. 2 d. c. West. G. E. tot. 400 kw; 800 hp. e. Ham. Cor. Fishkl; 300 hp. b. Heine, St. L; trans volt. 575-550 v.
Power sta. at Walloomsac, N. Y; repair shops at No. Bennington, Vt.
Reaches Battle Field Park.
7.55 miles; 4-8½ g; 15 motor and 13 other cars; 1 snow plow. 50

HORNELL. 14,352.

651 — Hornell Trac. Co. — Office, Adsit St., Hornell. (Connects Hornell and Canisteo.)
Recvr. & Gen. Mgr. Robt. W. Bull, Hornell
Asst. Recvr., Raymond E. Page, "
Audr. E. Leavenworth..... "
M. M. W. Whitaker..... "
Energy purchased from Hornell Elec. Co; trolley volt. 550 v.
Repair shops at Adsit St., Hornell.
Owns and reaches Glenwood Park, 33 acres.
10.9 miles; 4-8½; 17 mo. pass., 6 trail-pass. cars and 1 other car. 50

HORSEHEADS. 1,810.

(See No. 643.)

HUDSON. 11,417.

(See No. 621.)

HUNTINGTON. 5,000 (1915)

652—Huntington R. R. Co.—Office, Penn. Sta, New York. (Ceased operation 12 m., Sept. 23. 1919.)
Receiver,
Wallace E. J. Collins, Huntington, L. I.
Franchise granted to W. A. Dempsey, Dec. 11. 1919 by Huntington Town Council. Operation to be resumed immediately.
Franchise granted Joseph G. Robin, by town of Babylon, to operate in Babylon over Huntington-Amityville route. 129

ITHACA. 15,848.

654—Ithaca Traction Corpn.—Office, 148 E. State St. (Controlled by Central New York Southern Railroad Corpn.)
Pres. Roger B. Williams, Sr.....Ithaca
V. Pres. & Gen. Mgr.
J. C. Nelson.....Syracuse
Sec. & Treas.
S. C. Stivers..115 Broadway, New York
Audr. E. J. Austin.....Ithaca
Gen. Supt. Donald Stewart..... "
Supt. Pwr. Sta. J. S. Murphy..... "
M. M., Wm. H. Brooks..... "
Power sta. equip. 3 a.c. Westg. tot. 1200 kw. 2300 v. 3 ph. 60 cys; 1800 hp. c. Russ; 2550 hp. b. Wickes, Edge; 750 kw. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 575 v.
2 sub-stas.; 3 rot. conv.
Power sta. and repair shops at Ithaca.
11.47 miles; 4-8½ g; 34 motor and 1 other car. (Sells energy to Ithaca Gas & Elec. Corp.) 109

JAMESTOWN. 37,780 (1915)

655 — Chautauqua Traction Co.—Office, West Broad St., Jamestown. (Connects Lakewood, Ashville, Chautauqua, Mayville and Westfield.)
Pres. A. N. Broadhead.....Jamestown
V. Pres. & Asst. to Pres.
Wm. A. Broadhead..... "
V. Pres. & Treas.
S. B. Broadhead..... "
Sec. W. R. Reynolds..... "
Audr. F. H. Kibling..... "
Gen. Mgr. & Claim Agt.
Geo. E. Maltby..... "
Gen. Supt. & Pur. Agt.
Geo. L. Maltby..... "
Traffic Mgr. W. H. Pickard.... "
Elec. Engr. M. T. Seymour.... "
Ch. Engr. A. Olson..... "
Signal Engr. F. E. Larson.... "
M. M., Frank Miller..... "
Roadmaster, Axel Westergren "
Eng. Ovhd. Const.. R. B. Holmes "
Energy purchased from Jamestown St. Ry. Co.; trans. volt. 16,500 v; trolley volt. 535 v.
2 sub-stas. tot. cap. 1800 kw: 5 rot. conv.
Repair shops at Jamestown.
Reaches and controls Sylvan Park on Chautauqua Lake.
26.73 miles; 4-8½ g: 19 motor pass., 3 exp. motor, 1 fgt. and 2 other cars..★60

656—Jamestown St. Ry. Co.—(Connects Lakewood, Celoron, Jamestown and Falconer.)
Pres. A. N. Broadhead..... "
V. Pres. & Asst. to Pres.
Wm. A. Broadhead..... "
V. Pres. & Treas.
S. B. Broadhead..... "
Sec. W. R. Reynolds..... "
Audr. F. H. Kibling..... "
Gen. Mgr. & Claim Agt.
Geo. E. Maltby..... "
Gen. Supt. & Pur. Agt.
Geo. L. Maltby..... "
Asst. Supt. A. A. Harvey..... "
Traffic Mgr. W. H. Pickard... "
Gen. Fgt. & Pass. Agt.
A. Haecker..... "
Ch. Engr., A. Olson..... "
Elec. Engr. Frank Ball, ... "
Signal Engr., F. E. Larson.... "
M. M.. Frank H. Miller..... "
Track Foreman.
Axel Westergren..... "
Engr. Ovhd Constr. R.B. Holmes "
Power sta. equip. 1 mo. gen. set G. E. 2500 kw. 25 to 60 cys; 1500 hp. b. Baden; trans. volt. 16,500 v; trolley volt. 535 v.
Power sta. and repair shops at Jamestown.
Reaches Celoron Park (controlled) on Chautauqua Lake.
28.694 miles: 4-8½ g: 73 motor and 3 other cars. (Co. sells energy.) ★60

657 — Jamestown, Westfield & Northwestern R. R. Co.—Office, Jamestown. (Formerly the Jamestown, Chautauqua & Lake Erie Ry. Co., a steam road which was converted to 3 ph. overhead trolley.) (Connects Bemus Point, Dewittville, Hartfield, Mayville, Westfield and Jamestown; also operates boat line.)
Pres. A. N. Broadhead.....Jamestown
1st V. Pres. & Treas.
S. B. Broadhead..... "
2d V. Pres. Wm. A. Broadhead "
Sec. Wm. R. Reynolds..... "

Audr.&Traffic Mgr.
W. H. Pickard.....Jamestown
Gen. Supt. & Pur. Agt.
Geo. L. Maltby..... "
Gen. Fgt. & Pass. Agt.
A. J. Haecker..... "
Elec. Engr. M. T. Seymour... "
Signal Engr. F. E. Larson.... "
M. M., F. Miller..... "
Roadmaster, John Geran..... "
Energy purchased from Jamestown St. Ry. Co.; trolley v. 625 v.
40 miles; 4 8½ g; 13 motor and 10 other cars; 1 sweeper; 1 Russell snow plow. ★60

657a—Panama Traction Co.—Office, 318 Wellman Bldg. (Will extend from Warren, Pa., to Youngsville and Sugargrove through Busti to Jamestown and from Busti west to Ashville, Panama, Clymer, Wattsburg, Loweville and into Erie, Pa. In operation between Youngsville and Sugar Grove, Pa.)
Pres. M. M. Sanderson.....Buffalo
V. Pres. & Gen. Mgr.
D. L. Davis.....Jamestown
Engrs. Chapman & Graham.. "
11 miles; 2 gasoline cars. (Grading under way between Sugar Grove, Pa., and Busti, and between Ashville and Panama.) 79

JOHNSTOWN. 10,447.

(See No. 648.)

KINGSTON 26,354.

658—Kingston Consolidated R. R. Co.—Office, 320 Broadway. (Consolidation of Colonial City Traction Co. and Kingston City R. R. Co.) (Connects Kingston and Rondout.)
Pres. Fred. T. Ley.....Springfield, Mass.
1st V. Pres.
Henry C. Page.....Worcester, Mass
Sec. & Gen. Mgr. G. B. te Bow..Kingston
Treas. A. Hasbrouck..... "
Ch. Engr. M. J. Sullivan..... "
M. M., William Klein..... "
Power sta. equip. 4 d. c. West. tot. 675 kw; 900 hp. e. B. & W; 912 hp. b. Bab. & W; trolley volt. 550 v.
Power sta. at Rondout, near Hudson River; repair shops at 320 Broadway, Kingston.
Owns and controls Kingston Point Park.
8.831 miles; 4-8½ g; 39 motor pass. and 2 other motor cars. 50

LANCASTER. 5,094.

(See No. 680.)

LEWISTON. 713.

(See No. 724.)

LOCKPORT. 18,698.

(See Nos. 634 and 739.)

LONG ISLAND CITY.

(See Nos. 716, 717, 718, 719 and 720.)

LYONS. 4,758.

(See No. 750a.)

MIDDLETOWN. 17,381 (1915)

660—The Wallkill Transit Co.—Office, 8 North St. (Connects Goshen, Mechanicstown and Middletown.)
Sec. Bondholders Comm.
John F. Weiss.....Harrisburg, Pa.
Treas. Bondholders Comm.
W. M. Ogelby..... " "
Audr. Miss M. L. Robinson..Middletown
Gen. Mgr. & Pur. Agt.
Willard M. Gould..... Middletown
Engr. Pwr. Sta.
W. D. Vanlnwegen..... "
M. M., Fred Francisco ..... "
Roadmaster, E. Hughes..... "
Power sta. equip. 2 d. c. Bull. tot. 575 kw; 835 hp. e. Harrisbg; 750 hp. b. Franklin; trans. volt. 550 v; trolley volt. 550-575 v.
Power sta. and repair shops at Mechanicstown.
Reaches and owns Midway Park.
12.84 miles; 4-8½ g; 19 motor pass., 2 motor express and 3 motor service cars. ★70

MINEOLA. 2,381.

(See Nos. 649 and 743.)

MT. VERNON. 37,583.

661—Westchester Elec. R. R. Co.—Office, 2396 Third Ave., New York. (Connects New York, Mt. Vernon, New Rochelle, Bronxville, Tuckahoe, Larchmont, Pelham and Pelham Manor). (Controlled by Third Ave. Ry. Co., New York).
Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland.... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. Transp.
William E. Thompson..... "
Pur. Agt. Chas. Witzel..... "
Claim Agt. John W. Yenson... "
Elecl. Engr. Walter J. Quinn.. "
M. M., J. S. Mc Whirter
1119 Third Avenue "
Roadmaster, E. M. T. Ryder... "
Energy purchased from Third Ave. Ry. Co. trans. volt. 6600 v; trolley volt. 575 v.
1 sub-sta. cap. 3000 kw; 4 rot. conv.
Repair shops at East Chester.
Transfers to Hudson Park and Glen Island.
Mileage included in report of No. 689; 72 motor pass. and 7 motor service cars. ★50

NEWARK. 6,227.

(See No. 750a.)

NEWBURGH. 27,805.

662—Orange County Traction Co.—Office, 244 Broadway, Newburgh. (Operating Newburgh City Line. Newburgh & Orange Lake Line and Walden & Orange Lake Line.) (Connects Newburgh, Orange Lake and Walden.)
Pres. B. B. Odell, Jr.....Newburgh
Asst. to Pres., Sec., Audr. & Pur. Agt., B. Bryant Odell.... "
V. Pres. A. L. J. Miller..... "
Treas. H. B. Odell, 14 Water St. "
Gen. Supt. F. S. Berry..... "
Ch. Engr. Pwr. Sta.
Nicholas Treshman..... "
M. M., Thomas Coots..... "
Roadmasters { P. Rivers..... "
F. Green..... "
Power sta. equip. 3 d. c. West. tot. 450 kw; 3 rot. conv. G. E., West. tot. 800 kw. 60 cys; 300 hp. e. Dixon, Cor; 700 hp. b. Delaney, A. & R; trans. volt. 13,500 v; trolley volt. 550 v.
Energy also purchased from Central Hudson Gas & Elec. Co.
Power sta. and repair shops at Newburgh.
Reaches Orange Lake Park (owned).
23 miles; 4-8½ g; 58 motor and 11 other cars. ★60

NEW PALTZ. 1,230.

663—New Paltz, Highland & Poughkeepsie Traction Co.—Office, New Paltz. Executive office, 15-21 Exchange Pl., Jersey City, N. J. (Connects New Paltz, Ohioville, Loyd, and Highland Landing with ferry to Poughkeepsie.)
Pres., Gen. Mgr. & Pur. Agt.
Jos. A. Duffy.....Jersey City, N. J.
V. Pres. & Audr. E. F. Millar "
Sec. Geo. A. Wardell..... "
Treas. Thos. G. Hinds..... "
Supt. Geo. H. Cahill.....New Paltz
Ch. Engr. Curtis Davis.....Loyd
M. M. Chas. Palmanteer.....New Paltz
Power sta. equip. 2 d. c. West. tot. 350 kw; 450 hp. e. Clark, Rus; 500 hp. b. ——.
Power sta. and repair shops at Loyd.
9.27 miles; 11 motor and 6 other cars; 1 snow plow; 1 sweeper. 78

NEW ROCHELLE. 13,758. (1915)

(See Nos. 661 and 686.)

NEW YORK. 5,602,841 (1915).

Borough of The Bronx.

575,877 (1915).

665—Union Ry. Co. of New York City—Office, 2396 Third Ave. Operates Bronx Trac. Co., and So. Blvd. R. R. (Connects Yonkers and Mt. Vernon.) (Controlled by Third Ave. Ry. Co.)
Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland.... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sago..... "
Audr. B. G. Steinetz..... "
Supt. Transp.
William E. Thompson..... "
Pur. Agt. Chas. Witzel..... "
Claim Agt. John W. Yenson.. "
Elec. Engr. Walter J. Quinn.. "
M. M., J. S. McWhirter
1119 Third Ave., "
Engr. M. of W., E. M. T. Ryder "
Energy purchased from Third Ave. Ry. Co.; trans. volt. 6600 v; trolley volt. 575 v.
2 sub-stas. tot. cap. 10,000 kw; 8 rot. conv.
Repair shops at 65th St. & Third Ave.
Reaches Claremont, Bronx, Van Cortlandt and Crotona Parks.
Mileage included in report of No. 689; 225 motor pass. and 35 motor service cars. ★50

Borough of Brooklyn.

1,928,432 (1915).

666—Bridge Operating Co.—Offices, 85 Clinton St., Brooklyn, and 165 Broadway, New York. (Stock control held jointly by Brooklyn Heights R. R. Co., and New York Rys. Co. The Brooklyn Heights R. R. Co., acts as operating agent for joint operators of property.) (Operates local service over Williamsburg Bridge.)
Pres. T. S. Williams.....Brooklyn
V. Pres. W. Leon Pepperman,..New York
Sec. & Treas. C. D. Meneely.....Brooklyn
Audr. E. F. J. Gaynor.....New York
Energy from Brooklyn Heights R. R. Co.
1.60 miles; 4-8½ g; 20 motor cars. 50

666a—The Brooklyn City R. R. Co.—Office, 168 Montague St., Brooklyn, N. Y.
Pres. Frank Lyman.....Brooklyn
V. Pres. Henry F. Noyes..... "
V. Pres. & Gen. Mgr.
H. Hobart Porter..... "
Sec. Sigourney B. Olney..... "
Treas. George W. Jones.....Brooklyn
Audr. E. H. Reed..... "
Asst. Gen. Mgr. C. E. Morgan.. "
Supt. William Siebert..... "
Gen. Pass. Agt. H. A. Crowe.... "
Mech. & Elec. Engr. L. J. Davis "
Energy purchased from Brooklyn Rapid Transit Co.
231.918 miles; 4-8½ g; (106.901 miles of line); 1274 motor pass., 54 trail pass. and 145 motor service cars. ★50

667—Brooklyn Rapid Transit Co.—Office, 85 Clinton St. (Controls Brooklyn Heights R. R. Co., Brooklyn, Queens Co. & Suburban R. R., Nassau Elec. R. R. Co., New York Consolidated R. R. Co. (which leases and controls the New York Municipal Ry. Corp.) So. Brooklyn Ry. Co., and Coney Island & Gravesend Ry. Co., which controls The Coney Island & Brooklyn R. R. Co.)
Recvr. L. M. Garrison.....Brooklyn
Gen. Mgr. for Recvr.
W. S. Menden..... "
Treas. C. D. Meneely..... "
In Charge of Taxes & Real Estate
J. H. Bennington..... "
Compt. Howard Abel..... "
Gen. Counsel,
Geo. D. Yeomans..... "
Supt. Surf. Transp. W. Siebert..... "
Supt. Transp. Rap. Trans. Lines
J. F. Eagan..... "
Gen. Pass. Agt.
Harry A. Crowe..... "
Elec. Engr. C. E. Roehl..... "
Claim Agt. I. Isaacsen..... "
Gen. Fgt. Agt. A. R. Piper..... "
Pur. Agt. Lincoln Van Cott..... "
Supt. Pwr. H. A. Robbins..... "
Supt. Equip. W. G. Gove..... "
Ch. Engr., Way & Structure,
C. L. Crabbs..... "
Engr. Surf. R'dway, R. C. Cram, "
Power stas. equip. 4 d. c. West, Walker tot. 9,700 kw; 17 a. c. West, G. E., Bull. tot. 133,700 kw. 6600-11,000 v. 3 ph. 25 cys; 38,000 hp. e. Allis-C, West; 71,500 hp. b. Bab. & W. A. & T; 117,500 kw. turb. (stm.) West. G. E.; trans. volt. 6600-11,000 v; trolley volt. 550-600 v.
Power stas. at Kent & Division Aves., 3rd Ave. & 2d St. and Smith & 9th Sts. Repair shops: Surface div. at cor. 52d St. & Second Ave.; Elevated div. at 36 Gillen Place. E. New York; 39th St. & Second Ave.; 36th St. & 5th Ave., So. Brooklyn; 801 Fresh Pond Road, Glendale, L. I.
522 906 miles; 4-8½ g; 3880 motor and 376 other cars owned. ★50

668—Bush Terminal R. R. Co.—Gen. Office, 100 Broad St., New York. (Road extends from 28th St. and 2d Ave. to 63d St. and 1st. Ave., Brooklyn. Principally freight business.)
Pres. Irving T. Bush.....New York
V. Pres. R. G. Simonds..... "
Sec. R. Williams..... "
Treas. & Audr. John A. Heinrich "
Actg. Traffic Mgr.
P. L. Gerhardt.....New York
Pur. Agt. Geo. Kiolin..... "
Constr. Engr.
E. M. Ellsworth, ..67-34th St., Brooklyn
Elec. Engr. & Supt. Overhd. Const.
W. L. Sturges..... "
M. M., W. H. Mallen, Ft. 43d St. "
Energy purchased from Brooklyn Edison Co.
Pwr. sta at Brooklyn; repair shops at Brooklyn.
6 miles; 4-8½ g; 2 pass. cars and 4 elec. locos. ★50

669—The Coney Island & Brooklyn R. R. Co.—Office, 85 Clinton St. (Controlled by Brooklyn Rapid Transit

Co. through Coney Island & Gravesend Ry. Co.)
Pres. T. S. Williams.....Brooklyn
V. Pres. & Treas. C. D. Meneely "
Sec. J. H. Bennington..... "
Compt. Howard Abel..... "
Supt. Wm. Siebert..... "
Pur. Agt. Lincoln Van Cott.... "
Reaches Coney Island.
52.124 miles: 4-8½ g; 482 motor, 458 pass. and 17 service cars, 8 snow plows, 6 sweepers. 50

670—Manhattan Bridge Three-Cent Line.—Office, 333 Gold St., Brooklyn. (Connects Flatbush Ave. & Fulton St., Brooklyn, with Canal St. & Bowery, New York.)
Pres. F. W. Rowe...333 Gold St., Brooklyn
V. Pres. F. D. MacKay " "
Sec. Walter Hammitt
482 Fulton St., "
Treas. Ed. T. Horwill
215 Montague St., "
Audr. C. E. Grau..333 Gold St., "
Gen. Supt., Claim & Pur. Agt.
Arthur Porter....333 Gold St., "
M. M., A. G. Norton.. " "
Energy purchased from Brooklyn Edison Co.; trolley volt. 600 v.
Repair shops at 333 Gold St.
4 miles: 4-8½ g; 16 motor pass. cars and 1 sweeper. ★ 50

671—The Marine Ry. Co.—Gen. office, 31 Nassau St., New York. (Road extends from Manhattan Beach to Sheepshead Bay.)
Pres. Joseph P. Day.....N. Y. City
V. Pres. H. N. Armstrong..... "
Sec. William L. Sayers..... "
Treas. H. Schieffelin Sayers... "
Audr. Thomas Horton..... "
Supt. Austin Wright,....Manhattan Beach
Pwr. plant equip. 2 d. c. West. tot. 360 kw.; 2 mo. gen. sets.
Repair shops at 120 West End Ave., Manhattan, Beach.
1.74 miles; 4-8½ g: 4 storage battery cars. 50

673—Van Brunt St. & Erie Basin R. R. Co.—Office, 264 Van Brunt St.
Pres. John F. Murphy .....Brooklyn
V. Pres. & Pur. Agt.
D. W. Sullivan. ..... "
Sec. & Treas., Wyllys Terry,.... "
Energy purchased from Brooklyn Heights R. R. Co.
3 miles: 4-8½ g; 14 motor cars. 129

Borough of Manhattan.
2,634,923 (1915).

(See also Nos. 27, 67, 69, 91, 105, 142, 175, 241, 486, 550, 551, 624, 640, 725, 1042, 1329, 1331 and 1336.)

674—Belt Line Ry. Corpn.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co.)
Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland..... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. Transp
William E. Thompson..... "
Pur. Agt. Chas. Witzel..... "
Claim Agt. John W. Yenson.. "
Elec. Engr. Walter J. Quinn.. "
M. M., J. S. McWhirter
1119 Third Ave. "
Engr. M. of W., E. M. T. Ryder "
Repair shops at 65th St. & Third Ave.
Mileage included in report of No. 689; 55 motor pass. and 6 motor service cars. ★50

676—Dry Dock, East Broadway & Battery R. R. Co. Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co.)
Pres. Slaughter W. Huff, ...New York
V. Pres. Leslie Sutherland..... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. Transp.
William E. Thompson..... "
Pur. Agt. Charles Witzel..... "
Claim Agt. John W. Yenson.... "
Elec Engr. Walter J. Quinn... "
M. M., J. S. McWhirter
1119 Third Ave. "
Engr. M. of W., E. M. T. Ryder "
Energy purchased from Third Ave. Ry. Co.
Repair shops at 65th St. & Third Ave.
Mileage included in report of No. 689; 100 motor pass. and 8 motor service cars. ★50

676a—Eighth Avenue R. R. Co.—Office. 825 Eighth Ave., New York.
Pres.
Joseph Tate, 71 Broadway, New York
Vice-Pres.
Wm. H. Hays " "
Sec. & Treas.
J. G. Affleck, 1 Madison Ave. "
Asst. Sec. & Asst. Treas.
Wm. Affleck, 1 Madison Ave. "
Gen. Mgr.
W. B. Yereance, 825 Eighth Ave. "
Pur. Agt. Ralph Newman..... "
Spec. Agt. W. G. Wheeler " "
Supervisors { Transp. H. S. McGinness " "; Way & Struct. James D. Kent " "
Asst. Supv. Way & Struct.
William J. Boucher..... "
Energy purchased from various companies.
Repair shops at 825 Eighth Ave., New York.
20.01 miles; 4-8½ g; underground; 85 motor pass. and 10 other cars. ★60†

677—The Forty-Second St., Manhattanville & St. Nicholas Ave. Ry. Co.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry Co.
Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland..... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. Transp.
William E. Thompson..... "
Cl. Agt. John W. Yenson..... "
Pur. Agt. Chas. Witzel..... "
M. M., J. S. McWhirter
1119 Third Ave. "
Engr. M. of W. E. M. T. Ryder.... "
Energy purchased from Third Ave. Ry. Co.
Repair shops at 65th St. & Third Ave.
Mileage included in report of No. 689; 152 motor pass. and 14 motor service cars. ★50

678—Hudson & Manhattan R. R. Co.—Office 30 Church St., New York. (Connects Boro. of Manhattan, New York City, and Jersey City, Harrison, Newark and Hoboken, N. J., (operating joint service with Pennsylvania R. R. Co. from Cortlandt St., New York to Newark, N. J.); Cortlandt St. and Exchange Place, Grove St. and Summit Ave.; Cortlandt St. and Exchange Place Erie R. R. Sts., Hoboken; Cortlandt St. and 33d St., New York; Summit Ave. and 33d St., New York; Hoboken and 33d St., New York.)
Pres. Oren Root.....New York
Sec. & Asst. Treas.
Rob't B. Kay... ..... "
Treas. J. S. O'Neale..... "
Compt. F. H. Sillick..... "

Gen. Counsels
Stetson, Jennings & Russell, New York
Gen. Supt. C. S. Klumpp..... "
Pur. Agt. H. W. Webber..... "
Ch. Engr. J. Vipond Davies... "
Asst. Supt. W. & S. Dept.
E. M. Blake..... "
Asst. Supt. Tramp. Dept.
J. C. Van Gieson..... "
Supt. Pwr. B. S. Murphy
Washington & Bay Sts., Jersey City, N.J.
Real Estate Agt. P. C. Miller.. "

Power sta. equip. 4 s. c. turbo-gen. G. E., Curtis tot. 18,000 kw. 3 ph. 25 cys; 8100 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 650 v.

Power sta. at Washington & Bay Sts.; repair shops at Railroad Ave. & Warren St., Jersey City, N. J.

18.757 miles; 3d rail; 4-8½ g; 296 motor and 6 other cars. ★50

679—Interborough Rapid Transit Co.—Offices, 165 Broadway, New York. (Leases Manhattan Ry. Co. and owns one-half interest in the Long Island Elec. Ry. Co. and New York & Long Island Trac Co.) (Controlled by Interborough-Consolidated Corpn.)

Chmn. of Board, August Belmont, 43 Exchange Pl. New York
Chmn. Exec. Committee,
Edwin J. Berwind..... ..... "
Pres. & Gen. Mgr.
Frank Hedley..... "
Assts. to Pres. & Gen. Mgr. } W. L. Pepperman "
Geo. Keegan..... "
Gen. Counsel,
James L. Quackenbush..... "
Sec. H. M. Fisher..... "
Asst. Sec. A. C. Wigren..... "
Treas. J. H. Campbell..... "
Audr. E. F. J. Gaynor..... "
Asst. Pur. Agt. J. F. Sloan.... "
Supt. Subway Div.
A. L. Merritt, 96th St. & Broadway "
Supt. Elev. Div.
S. D. Smith..... "
Supt. of Motive Power
H. A. Kidder, 59th St. & 11th Ave. "
Supt. Car Equipment,
J. S. Doyle...98th St. & 3rd Ave "
Claim Agt.
Thomas Gerehart, 13-21 Park Row "
Signal Engr.
J. M. Waldron..... "
Ch. Engr. Geo. H. Pegram.....New York
Engr. M. W., C. E. Carpenter. "
Elec. Engr. G. C. Hall..... "
Roadmaster, Fred Hels. South Ferry "

Power sta. equip. (Manhattan Div.) 8 s. c. turbo gen. Westg. tot. 67,500 kw. 11,000 v. 3 ph. 25 cys; 64,000 hp. e. Allis-C; 36,880 hp. b. Bab. & W.

(Subway Div.) 14 s. c. turbo-gen. West. G. E. tot. 105,000 kw. 11,000 v. 3 ph. 25 cys; 67,500 hp. e. Allis-C; 36,000 hp. b. Bab. & W.

Power sta., Manhattan Div., between 74th & 75th Sts. & East River; repair shops, 7th Ave., between 148th & 150th Sts.; 98th St & 3d Ave.; 159th St & 8th Ave.; 179th St. & 3d Ave., and 240th St. & B'way.

Power sta. Subway Div., 11th & 12th Ave., between 58th & 59th Sts.

Subway Div., 194.86 miles; Manhattan Div., 135.29 miles; 4-8½ g; 2,637 motor pass., 1,195 trail pass., 14 other motor and 103 other cars.

Dual system; subway and elevated lines for construction jointly by city and company, 98.12 miles, elevated railroad extensions to be constructed by company, 5.31 miles. ★50

680—Manhattan & Queens Trac. Corpn.—Office, 60 Wall Street, New York, N. Y. (Purchased the franchise and physical property of the South Shore Trac. Co. lying within the city of New York. Extends from 59th St. & Second Ave., Manhattan Boro, over Queensboro Bridge, through Woodside, Winfield, Elmhurst, Forest Hills, Kew Gardens to Jamaica, Queens Boro. Also operates local service over Queensboro Bridge, connecting Manhattan Boro. with Long Island City.)

Recvrs. { Arthur C. Hume 547 Fifth Ave., New York
William R. Begg 24 Broad St., "
Audr. Fred. H. Adler.
Queens Plaza Court, Long Island City
Gen. Mgr. & Pur. Agt. for Recvrs.
B. Waller Duncan....Long Island City
Supt. Transp. W. M. Tillaison. " "
Claim Agt., Henry Schomber " "
M. M., A. M. Ballou.....Long Island City

Energy purchased from New York and Queens Elec. Lt. & Pwr. Co.; trolley volt. 675 v.

Repair shops at Buckley St. & Thompson ave., Long Island City.

Reaches Celtic and Washington Parks.

22 miles; 4-8½; 48 motor pass. cars and 9 other motor cars. 50

682—New York Central R. R. (Elec. Div.)—Office, Grand Central Terminal. (The Harlem div. extends from New York City north to North White Plains; the Hudson div. extends from New York City north to Croton.)

V. Pres. P. E. Crowley.....New York
Asst. V. Pres. R. B. Starbuck.. "
Treas. E. L. Rossiter..... "
Audr. G. M. Glazier..... "
Gen. Mgr. W. J. Fripp..... "
Asst. Gen. Mgr. T. W. Evans.. Syracuse
Gen. Supt Pass. Transpt.
C. F. Smith.....New York
Gen. Supt. & Term. Mgr..... "
Miles Bronson..... ..... "
Supt. G. H. Wilson..... "
Gen. Pur. Agt. W. C. Rower.... "
Gen. Pass. Agt. Harry Parry.. "
Ch. Engr. G. W. Kittredge.... "
Ch. Engr Elec. Trac. E. B. Katte "
Supt. of Pwr. W. G. Carlton.... "
Supt. Elec Equip. C. H. Quereau "
Div. Engr. F. Boardman..... "
Asst. Term. Mgr. & Signal Engr.
H. S. Balliet..... "
Supvr of Transm. Edw. Richter, "
Ch. Train Dispr. R. L. Golden "
Dist Claim Agt. T. W. Dill ... "

Two power stas. equipped with 9 s. c. turbo-gen. G. E. tot. 60 000 kw. 11,000 v. 3 ph. 25 cys; 25,884 hp. b. Bab. & W, T. & R; trans. volt. 11,000 v; trolley volt. 666 v; 9 sub-stas. tot. cap. 45,500 kw; 33 rot conv.

Power stas. at Port Morris and Glenwood; sub-stas. at 50th St., Mott Haven, Kings Bridge, Glenwood, Irvington, Ossining, Botanical Gardens, Tuckahoe and White Plains. Repair shops at Harmon and No. White Plains.

261.68 miles, 4 8½ & 4-9 g; (third rail); 223 motor pass., 4 mail baggage, 2 baggage and 12 pass. & baggage cars; 73 elec. locos. ★60

683—New York City Interborough Ry. Co.—Office, 2396 Third Ave. (Connects Boroughs of Manhattan and Bronx.) (Controlled by the Third Ave. Ry Co.)

Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland..... "
Secy. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Stemetz..... "
Supt. of Trans.
William E. Thompson..... "
Pur. Agt. Charles Witzel ..... "
Claim Agt. John W. Yenson.... "
Elec. Engr. Walter J. Quinn... "
M. M., J. S. McWhirter.
1119 Third Ave "

Engr. M. of W.
E. M. T. Ryder.....New York
Energy purchased from Third Ave. Ry. Co.
Repair shops at 65th St. & Third Ave.
Mileage included in report of No. 689; 92 motor pass. and 8 motor service cars. ★50

684—The New York Connecting R. R. Co.—Office, Pennsylvania Sta., New York City. (Road extends from connection with N.Y.N.H. & H.R.R. at Port Morris, Borough of Bronx, to connection with Long Island R. R. at Fresh Pond Jct., Borough of Queens, New York City, 8.05 miles, with branch from Sunnyside Jct. to connection with Tunnel line of P. R. R. at Sunnyside Yard, Borough of Queens, 0.91 of a mile; total mileage 8.96 miles. Passenger service to West and South via Penna. Sta. and freight service over L. I. R. R. tracks Fresh Pond to Bay Ridge. Owned jointly by P. R. R. Co. and N. Y. N. H. & H. R. R. Co. and to be operated by latter.)
Pres. E. G. Buckland..New Haven. Conn.
V. Pres. Samuel Rea Philadelphia, Pa.
Sec. A. E Clark.....New Haven, Conn
Treas. A. S. May..... " "
Compt. W. S. Palmer " "
Ch. Engr. Ed. Gagel.. " "
Real Estate Agent
F. A. Von Moschzisker.....New York
8.96 miles. ★50

685—New York Railways Co.—Office, 165 Broadway. (Controlled by Interborough-Consolidated Corpn.)
Recvr., Job. E. Hedges.....New York
For Recvr.
Gen. Mgr. Frank Hedley.....New York
Sec. W. A. Anderson . "
Treas. J. H. Campbell "
Gen. Coun., Winthrop & Stimson 32 Liberty St. "
Gen. Atty. James L. Quackenbush New York
Audr. Frank Samuelson... "
Asst. Audr. Geo. V. Owen..... "
Asst. to Gen. Mgr. F. T. Wood..... "
Pur. Off., J. F. Sloan "
Real Estate Off. A. W. Warner..... "
Dir. of Welfare H. H. Vreeland..... "
Asst. Gen. Attys. Danl. W. Patterson 21 Park Row "
Asst. Gen. Attys. Martin E. Burke 21 Park Row "
Claim Agt., F. D. Edmunds..... "
Gen. Supt. Transpt. Geo. Keegan..... "
Supt. Transpt. T. A. Delaney, 775-7th Ave.. "
Actg. Asst. Supt. Transpt. Hugh F. O'Reilly..... "
Ch. Engr. G. H. Pegram ..... "
Engr. M. of W., C. H. Jewett 775-7th Ave..... "
Supt. Mot. Pwr. W. S. Finlay, Jr. 59th St. & 11th Ave. "
Supt. Car Equip. J. S. Doyle, 98th St. & Third Ave. "
Power sta. equip. 11 a. c. G. E. tot. 38,500 kw. 3 ph. 25 cys; 55,000 hp. e. Allis-C; 21,000 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.
Power station at 96th St. & East River.
Sub stas. at 25th St. & Lexington Ave, 50th St. & Sixth Ave., 146th St. & Lenox Ave., Houston St. & Broadway.
116 452 miles (99.049 undgrd. elec. & 17.403 stor. elec.); 4-8½ g; 1861 motor pass. 116 storage battery, 128 motor service and 2 trailer service cars. ★50

686—New York, Westchester & Boston Ry. Co.—New York City. Office, 481 Morris Park Ave. (Consol. of the Westchester Northern R. R. Co. and the N. Y., Westchester & Boston Ry. Co.) (Connects 133d St. (Harlem River), and East 180th St., Bronx, New York City, and Mt. Vernon, Pelham, New Rochelle and White Plains.) (Controlled by N. Y., N. H. & H. R. R. Co.)
Pres. Leverett S. Miller.....New York
V. Pres. Howard Elliott ..... "
Sec. & Treas. A. E. Clark.....New Haven, Conn.
Audr. C. L. Nagle .....New York
Supt. P. W. J. Smith..... "
Pur. Agt. Geo. M Spidell, Jr.. "
Claim Agt. F. E. Lyons..... "
Gen. Fgt. & Pass. Agt. F. H. Richtmyer..... "
Supt of Equip.. R. R. Potter, Unionport Rd. & Morris Park Ave., Bronx, "
Ch. Dispatcher, W. S. Conklin, "
Roadmaster Charles Miller ... "
Energy purchased from New York New Haven & Hartford R. R.; trans volt. 11,000-22,000 v; trolley volt. 11,000 v. s. ph.
Repair shops at Unionport Road & Morris Park Ave., Bronx.
55.03 miles owned (18.03 mi. 1st m. t., 18.03 mi. 2nd m. t., 18.97 mi. sid.); also 19 miles track rights. Total miles operated 73.41; 4-8½ g; 40 motor pass., 5 trail pass. and 5 trail service cars; 1 elec. loco. ★50

686a—The Ninth Avenue R. R. Co. — Office, 825-8th Ave., New York.
Pres. Joseph Tate, 71 Broadway, New York
V. Pres. Wm. H. Hays " "
Sec. & Treas. J. G. Affleck. 1 Madison Ave. "
Asst. Sec. & Asst. Treas. Wm Affleck. 1 Madison Ave. "
Gen. Mgr. & Pur. Agt. W. B. Yereance, 825-8th Ave. New York
Special Agt. W. G. Wheeler.... " "
Supervisors Transp. H. S. McGinness " / W. & Str. James D. Kent " / Equip. Ralph H. Waldo "
Asst. Supv. Way & Struct. William J. Boucher..... "
17.37 miles; 4-8½ g; underground; 40 motor pass. and 10 other cars. ★60†

687 — Pennsylvania Tunnel & Terminal R. R. Co.—Office, Broad St. Sta., Phila., Pa. (Elec. Div. of Penna. R. R. between New Jersey and Long Island City via tunnel under North River, New York City and East River to a point near Harold Ave., Long Island City.
Pres. Sam'l Rea,.....Philadelphia, Pa.
V. Pres. A. J. County..... "
Sec. Lewis Neilson..... "
Asst. Secs. H. T. Wilkins..... " / E. H. Brown..... " / J. W. Marshall 85 Cedar St., New York
Treas. J. F Fahnestock. Philadelphia, Pa.
Asst. J. S. Vanzandt..... "
Treasrs. Geo. A. Walker..... "
Compt. E. A. Stockton..... "
Asst. J. S. Donaldson..... "
Compts. F. J. Fell, Jr..... "
Gen. Counsel, Francis I. Gowen "
Gen. Mgr. C. S. Krick..... "
Gen. Supt. C. I. Leiper ....Penn. Sta., New York
Real Est. Agt. T. W. Hulme.....Philadelphia, Pa.
Supt. N. Y. Div. P. L. Grove.....Jersey City, N. J.
Power sta. equip. 10 a. c. W. E tot. 75,000 kw. 11,000-440 v. 3 ph. 25 & 60 cys; 18,900 hp. b. Bab. & W; 70,000 kw. stm.

turb. West-Par; trans. volt. 11,000 v; trolley volt. 675 v. d. c.

4 sub stas; 12 rot. conv. tot. cap. 24,000 kw.

Power sta. at 4th & Front Sts., Long Island City; repair shops at Sunnyside yard.

98.55 miles (third rail); 4-8½ g; 8 motor cars; 67 elec. locos. (Co. furnishes 11,000 v. 25 cycle energy to Long Island R. R.)

★50

688—Second Ave. R. R. Co.—Office 1874 2d Ave.

Receiver, A. E. Kalbach.....New York
Pres. Geo. S. Coe.5 Nassau St., "
Sec. & Treas. F. M. Patchen 5 Nassau St., "
Audr. Wm. J. Bradley,..... "
Att'y. C. E. Chalmers,..... "
Supt. A. Syndstrup..... "
Pur. Agt. Jacob Henshaw..... "
Engr. M. of W., J. Wynne.... "

Energy purchased from New York Rys. Co., Interborough Rapid Transit Co. and Third Ave. Ry Co.

Repair shops at 1874 2d Ave.

23.912 miles (operated) 4-8½ g; 236 (revenue) motor and 12 other (non-revenue) motor cars. 109

689 — Third Ave. Ry. Co. — Office. 2396 Third Ave. (Controls Drydock, E. Broadway & Battery R. R. Co., The 42nd St., Manhattanville & St. Nicholas Ave. Ry. Co., Union Ry. Co., Southern Boulevard R. R. Co., Yonkers R. R. Co., Westchester Elec. R. R., Co., New York City Interborough Ry. Co., Mid-Crosstown Ry. Co., Belt Line Ry. Corpn., Kingsbridge R. R., Bronx Traction Co., Third Ave. Bridge Co., New York, Westchester & Connecticut Trac. Co. and Hastings Ry. Co., Inc.)

Pres. Slaughter W. Huff..... New York
V. Pres. Leslie Sutherland.... "
Sec. Walter C. Burrows.....New York
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. of Transp. William E. Thompson..... "
Pur. Agt. Charles Witzel..... "
Claim Agt. John W. Yenson... "
Elec. Engr. Walter J. Quinn.. "
M. M., J. S. McWhirter, 1119 Third Ave., "
Engr. M. of W. E. M. T. Ryder "

Power sta. equip; 4 d. c. West. tot. 640 kw; 8 a. c. West. tot. 24,000 kw. 3 ph 25 cys; 40,000 hp. e. West; 16,000 hp b. Bab. & W; trans. volt. 6600 v; trolley volt. 575 v.

6 sub-stas. tot. cap. 21,500 kw; 18 rot. conv.

Power sta. at 216th St. & Harlem River.

Repair shops at 1119 Third Ave.

356.78 miles: 4-8½ g; 1508 motor pass. and 151 motor service cars. (Co. sells energy.) ★50

690 — Alabama Trac., Lt. & Pwr. Co., Ltd.—Offices, 120 St. James St., Montreal, Canada and 120 Broadway, New York. (Controls Alabama Power Co.)

Pres. James Mitchell...London, England
V. Pres. Lawrence Macfarlane Royal Trust Bldg., Montreal, Que., Can.
Sec. & Treas. W. J. Henderson... " " "

★50

691—American Cities Co. — Offices, 504 Liverpool. London & Globe Bldg., New Orleans, La. (Controls the New Orleans (La.) Ry. & Lt. Co., Birmingham (Ala.) Ry., Lt. & Pwr. Co., Memphis (Tenn.) St. Ry. Co., Little Rock (Ark.) Ry. & Elec. Co., Knoxville (Tenn.) Ry. & Lt. Co. and the Houston (Tex.) Ltg. & Pwr. Co. 1905.) (In 1914, The United Gas & Elec. Corpn. acquired a little over 96 p. c. of the common stock.)

Pres. Francis T. Homer.....New York
V. Prests. { Percy Warner, Nashville, Tenn. / D. D. Curran..New Orleans, La.
Sec. & Treas. Miss Madge McGrath..New Orleans, La. 50

693—American Lt. & Trac. Co.—Office, 120 Broadway, New York. (Holding company and owns practically all of the capital stock of Detroit (Mich) City Gas Co. St. Paul (Minn.) Gas Lt. Co., So. St. Paul (Minn.) Gas & Elec. Co., Grand Rapids (Mich.) Gas Lt. Co., St. Joseph (Mo.) Gas Co., Binghamton (N. Y.) Gas Wks., Madison (Wis.) Gas & Elec. Co., Milwaukee (Wis.) Gas Lt. Co., St. Croix (Wis.) Pwr. Co., Wauwatosa (Wis.) Gas Co., W. Allis (Wis.) Gas Co., Consol. Gas Co. of N. J. (Long Branch), Muskegon (Mich.) Trac. & Ltg. Co., San Antonio, (Tex.) Public Service Co., Consolidated Building Co., Gas Office Co. and White Star Coal Co.

Chmn. Board Emerson McMillin, New York
Pres. Alanson P. Lathrop..... "
V. Prests. { M. McMillin..... " Sec. & Treas. / C. N. Jelliffe..... " Ch. Engr. / H. C. Abell ..... "
Asst. Sec. & Asst. Treas. W. G. de Berg..... "
Audr. Jas. Lawrence..... "
Counsel, Chas. W. Young..... "

29

694 — American Water Works & Electric Co., Inc. — Gen. Office, 50 Broad St. Owns either directly or through its subsidiaries—all or a controlling interest of the following companies: Arkansaw Water Co., Birmingham Water Works Co., Butler Water Co., E. St. Louis & Interurban Wtr. Co., City Water Co. of Chattanooga, City of New Castle Water Co., City Water Co. of Marinette, City Water Works Co. of Merrill, Clinton Water Works Co., Connellsville Water Co., Huntington Water Corpn., Joplin Water Works Co., Keokuk Water Works Co., Kokomo Water Works Co., Louisiana Water Co., Mingo Junction Water Co., Missouri Sewerage Co., Monongahela Valley Water Co., Mt Vernon Elec. Lts & Pwr. Co.. Mt. Vernon Water Works. Co., Muncie Water Works Co., St. Joseph Water Co.. South Pittsburgs. Water Co., Middle States Wtr. Wks. Co., Warren Wtr. Co., Wichita Water Co., West Penn Railways Co., and Penn Traction & Water Power Co.

Pres. H. Hobart Porter.....New York
V. Prests. { J. H. Purdy..... " & Treas. / Cecil S. Ashdown " / Walter S. F. Finlay, Jr. "
Pres. Subsidiary Water Cos. "
G. E. Hoffmaster..... "
Pur. Agt. H. F. Barnard ..... "
Gen. Counsel, Sullivan & Cromwell..... "

★50†

694a—W. S. Barstow Management Assn., Inc.—Office, 50 Pine Street. Operating Managers of public utility properties. Principal companies under its supervision are: Binghamton Light Heat & Power Co., Eastern Pennsylvania Power Co., Eastern Utilities Coal Co., Easton Gas Works, Interurban Gas Co., Metropolitan Edison Co., The Jersey Corpn., The New Jersey Power & Light Co., The Northwestern Ohio

Railway & Power Co., Pennsylvania Utilities Co., Pittsford Power Co., The Port Clinton Electric Light & Power Co., Reading Transit & Light Co., Rutland Railway, Light & Power Co., The Sandusky Gas & Electric Co., Sayre Electric Co. and Vermont Hydro-Electric Corpn.

Pres. & Gen. Mgr. E. L. West..New York
V. Pres. Thomas Cheyne..... "
Sec. & Treas.
O. Clement Swenson..... "
Asst. Sec. W. J. Reist..... "
Pur. Agt. F. C. Rose..... "
Ch. Engr. E. M. Gilbert..... "
129

695 — Brunswick Terminal & Railway Securities Co.—Office, 42 Broadway. (Controls Mutual Lt. & Wtr. Co. and City & Suburban Ry. Co. of Brunswick, Ga.)

Pres. Samuel C. Steinhardt....New York
V. Prests. { E. H. Mason..Brunswick, Ga.
V. Prests. { George Reuter.....New York
Sec. Henry J. Lowenhaupt..... "
Treas. A. de Sola Mendes..... "
★50

696—Cities Service Co.—Office, 60 Wall St. (Controls Adrian (Mich.) St. Ry. Co., Alliance, (O.) Gas & Pwr. Co.; Arkansas Valley Gas Co., Arkansas City, Kans; Ashland, (Ohio) Gas & Elec. Lt. Co.; Athens (Ga.) Ry. & Elec. Co.; Atlas Chem. Co., Toledo (Ohio); The Bartles Oil Co., St. Paul, Minn.; Bartlesville (Okla.) Gas & Elec. Co.; Berea (O.) Pipe Line Co.; Bristol, (Va.–Tenn.) Gas & Elec. Co., Brush Elec. Co., Galveston, Texas; Central Ohio Gas & Elec. Co. (which controls Buckeye State Gas & Fuel Co., Columbus Natural Gas Co., Coshocton Gas Co. and Medina Gas and Fuel Co.); Cities Fuel & Pwr. Co. (which controls Amer. Pipelink Co., Kansas & Oklahoma, Franklin County Pipe Line Co., Kansas; Frost Gas Co., Fredonia, N. Y.; (which controls Brockton, (N. Y.) Gas and Fuel Co. and Republic Lt., Ht. and Pwr. Co.); Glenwood Nat. Gas Co. Ltd. Ontario, Manufacturers Nat. Gas Co. Ltd., Ontario, Sentinal Oil & Gas Co., Kansas); City Lt. & Trac. Co., Sedelia, Mo.; City Lt. & Wtr. Co., Amarillo, Texas; Columbian Petroleum Co. (which controls Compania Colombiana Del Petroleo, Colombia, S. A.); Compania Emmex de Petroleo y Gas (Mexico); Crew Levick Co., Phila., Pa., (which controls Crew Admiralen S. S. Co.; Levick Co. of Delaware (which controls C. A. Stannard Co.), and Warren Co., which controls Latimer County Gas Co., Red Oak (Okla.); Cumberland (Md.) & Westernport Elec. Ry. Co.; Danbury (Conn.) & Bethel Gas & Elec. Lt. Co.; Denver (Colo.) Gas & Elec. Lt. Co.; Dominion Gas Co. (which controls Beaver Oil & Gas Co., Ltd., Brantford Gas Co., Dominion Natural Gas Co. Ltd., Ingersoll Gas Lt. Co., United Gas Cos., Ltd., and Woodstock Gas Lt. Co.); Durham (N. C.) Trac. Co.; Electric Bond Deposit Co.; Empire District Elec. Co. (which controls Carthage Gas Co. Empire Dist. Elec. Co. of Okla., and Webb City & Carterville Gas Co.); Empire Gas & Fuel Co. (Colo.); Empire Gas & Fuel Company of Del. (which controls Empire Gas Fuel Co. (Calif.); Empire Gas & Fuel Co. (Me.); Empire Gas and Pipeline Co. (Me.); Empire Gasoline Co. (Del.); Empire Petroleum Co. (Del.); and Empire Refining Co. (Del.); Empire Refineries Inc.; Producers Refining Co., Standard Asphalt & Refining Co. (which controls Empire Pipeline Co.; Empire Refineries Inc.; Producers Refining Co., and Standard Asphalt & Refining Co.); 59 Osage Oil Co., Indian Territory, Ill. Oil Co., (which controls Delmar Oil Co., Osage Producers Gas Co. and Westerly Oil Co.) Keesage Oil Co., Midland Oil Co., Quapaw Gas Co., (which controls Consumers Gas Co.); Steyner Oil Co., Wichita Natural Gas Co. (which controls Sedgwick Oil Co. and Winfield Natural Gas Co.); Wichita Pipe Line Co.); Empire Gas & Fuel Co. (Ky.); Empire Gas & Fuel Co. (Ohio); Empire Oil & Gas Co. (Del.); Fremont (Nebr.) Gas, Elec. Lt. & Pwr. Co.; Knoxville (Tenn.) Gas Co.; Lebanon (Pa.) Gas & Fuel Co.; Lincoln (Nebr.) Gas & Elec. Lt. Co.; (which controls Havelock (Neb.) Elec. Lt. Co.); Lorain County Elec. Co., Elyria, O.; Massillon (O.). Elec. & Gas Co.; Maumee (Ohio) Valley Rys. & Lt. Co. Meridian (Miss.) Lt. & Ry. Co. (which controls Hattiesburg Trac Co.); Montgomery (Ala.) Lt. & Wtr. Pwr. Co.; Pueblo (Colo.) Gas & Fuel Co.; Richland Co., Richland Public Service Co., Mansfield (Ohio); St. Joseph (Mo.) Ry. Lt. Ht. & Pwr. Co.; Salina (Kans.) Lt. Pwr. & Gas Co.; Southern Ont. Gas Co., Ltd.; Southwestern Okla. Gas & Fuel Co.; Spokane (Wash.) Gas & Fuel Co.; Summit County Pwr. Co., Dillon, Colo.; Texas Distributing Co., Mineral Well; and Bangs, Texas; Toledo Beach Co., Toledo Casino Co.; Toledo Ottawa Beach & Northern Ry. Co.; Toledo & Western Ry. Co.; Toledo Trac. Lt. & Pwr. Co. (which controls Acme Pwr. Co. and Toledo Rys. & Lt. Co.), Trumbull Public Service Co., Warren, O.; United Water, Gas & Elec. Co., Hutchinson, Kans.; Utilities Constr. Co., Lorain, Ohio; Washita (Okla.) Gas & Fuel Co., Watauga Pwr. Co., (Elizabethton, Tenn.); Western Distributing Co., Kansas, Western Lt. & Pwr. Co. (which controls Cheyenne, Lt., Fuwl & Pwr. Co.) and Western. Okla. Gas & Fuel Co.)

Pres. Henry L. Doherty.....New York
V. Prests. { E. MacKay Edgar London, Eng.
V. Prests. { Frank W. Frueauff. New York
V. Prests. { E. H. Johnston.... "
V. Prests. { Thos. I. Carter.... "
Sec. Paul R. Jones..... "
Treas. Louis F. Musil..... "
Asst. Secs. { E. E. McWhiney "
Asst. Secs. { G. G. Brownell.. "
Asst. Secs. { T.W.Bonnet, London, Eng.
Asst. Secs. { Asst. Treas.
Asst. Secs. { G. C. Blankner, New York
Asst. Treasrs. { T. A. Wallace "
Asst. Treasrs. { D. W. Harris "
Asst. Treasrs. { Dale B. Carson "
Gen. Counsel, Frueauff, Robinson & Sloan.. "
★50

697 — Doherty Operating Co.—Office, 60 Wall St. (Operates Ozark Pwr. & Wtr. Co. and the properties controlled by the Cities Service Co.)

Pres. Henry L. Doherty.....New York
V. Pres. Frank W. Frueauff.... "
V. Pres. & Gen. Mgr. H. H. Scott, "
Sec. & Treas. Louis F. Musil..... "
Asst. Paul R. Jones..... "
Ch. Engr. Milan R. Bump..... "
Pur. Agt. Frank J. Petura..... "
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699 — Electric Bond & Share Co.—Office, 71 Broadway. (Fiscal agent for Carolina Pwr. & Lt. Co., Raleigh, N. C. (which controls Yadkin River Pwr. Co., Palmetto Pwr. & Lt. Co. and the Asheville (N. C.) Pwr. & Lt. Co).
Utah Securities Corpn. (which controls Utah Pwr. & Lt. Co. and Utah Lt. & Trac. Co.)

American Pwr. & Lt. Co. (which controls Kansas Gas & Elec. Co.; Pacific Pwr. & Lt. Co., Portland Gas & Coke Co., Nebraska Pwr. Co., Citizens Gas & Elec. Co. of Council Bluffs, Southwestern Pwr. & Lt. Co., Texas Pwr. & Lt. Co. and Ft. Worth Pwr. & Lt. Co.) Power Securities Corpn. (which controls Idaho Pwr. Co. and Boise Valley Trac. Co.) Northern Control Gas Co., Columbia Harwood Elec. Co., Schuylkill Gas & Elec. Co., Lehigh Power Securities Corpn. (which controls Pennsylvania Pwr. & Lt. Co. and Lehigh Valley Transit Co.) Panama Pwr. & Lt. Corpn., Dallas Pwr. & Lt. Co. and Dallas Railway Co. (Subsidiary of the Gen. Elec. Co.)

Pres. S. Z. Mitchell.....New York
V. Prests. F. A. Farrar..... "
E. K. Hall..... "
C. E. Groesbeck... "
H. H. Crowell..... "
E. W. Hill..... "
L. H. Parkhurst... "
Sec. H. M. Francis..... "
Asst. Secs. E. P. Summerson..... "
G. C. Hollister..... Schenectady
Compt. A. E. Smith....New York
Treas. Wm. Reiser..... "
Asst. Treas. A. C. Ray..... "
Treas. G. J. Hickman ..... "
Asst. Compt. W. C. Lang..... "
Gen. Audr. A. H. Arming ..... "
Statistician, E. B. Lee..... "

★60

700 — Federal Lt. & Trac. Co.—Office, 60 Broadway, New York. (Holds controlling interest in Grays Harbor Ry. & Lt. Co., (Aberdeen, Wash.): Sheridan County Elec. Co. (Sheridan, Wyo.); Rawlins (Wyo.) Elec. Lt. & Fuel Co.; Hobart (Okla) Elec. Co.; Albuquerque (N. M.) Gas & Elec. Co; Las Vegas (N. M.) Lt. & Pwr. Co., (which controls Las Vegas Transit Co.,); Tucson (Ariz.) Gas Elec. Lt. & Pwr. Co., and Tucson Rapid Transit Co.; Springfield Ry. & Lt. Co. (which controls Springfield Traction Co. and Springfield (Mo.) Gas & Elec. Co.); Trinidad (Colo.) Elec. Transm. Ry. & Gas Co; Deming (N. M.) Ice & Elec. Co. and Central Arkansas Ry. & Lt. Corpn., which controls the Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., all of Hot Springs, Ark.)

Pres. E. N. Sanderson,.....New York
1st V. Pres. Francis Blossom.. "
2nd V. Pres. Craig Colgate..... "
V. Pres. & Gen. Mgr. C. H. Nichols..... "
Sec. & Treas. J. Dunhill..... "
Asst. Sec. & Asst. Treas. Richmond Talbot..... "
Asst. Sec. E. K. H. D'Aeth..... "

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701 — The General Gas & Elec. Co.—Office, 50 Pine St. (Controls the following properties operated under management of W. S. Barstow Management Assn. Inc: Rutland (Vt.) Ry., Lt. & Pwr. Co., Pittsford (Vt.) Pwr. Co., Northwestern Ohio Ry. & Pwr. Co., Toledo, O., Port Clinton (O.) Elec. Lt. & Pwr. Co., Sandusky (O.) Gas & Elec. Co., Western Vermont Pwr. & Lt. Co., Fairhaven, Vt., Interurban Gas Co., Nazareth, Pa., New Jersey Pwr. & Lt. Co., Dover, N. J., Sayre (Pa). Electric Co., Waverly (N. Y.) Elec. Light Co. and Binghamton (N. Y.) Lt., Ht. & Pwr. Co.)

Pres. W. S. Barstow.....New York
V. Pres. Joseph B. Taylor..... "
Sec. & Treas. O. Clement Swenson "
Asst. Sec. W. J. Reast..... "

59

701a — Georgia Lt., Pwr. & Rys.—Gen. office, 62 Cedar St., New York, N.Y. (Voluntary organization and controls Macon Ry. & Lt. Co., Macon Gas Co., Central Georgia Pwr. Co. and Central Georgia Transm. Co.)

Pres. M. J. Murphy.....New York, N.Y.
V. Pres. John D. Everitt "
Sec. & Treas. J. J. Thames, Jr..... "
Asst. Sec. & Asst. Treas. Lloyd Robinson..... "

★70

702 — Interborough Consolidated Corpn.—Office, 165 Broadway. Trustee elected April 25, 1919. (Incorporated as successor to Interborough-Metropolitan Co. and Financial & Holding Corporation.) (Controls the Interborough Rapid Transit Co. and New York Rys. Co.

Trustee, James R Sheffield, 165 Broadway, New York
Chmn. Bd. & Exec. Comm. August Belmont. 43 Exchange Place, "
Pres. ——— ——— ..... "
V. Pres. H. H. Vreeland, 165 Broadway, "
Sec. H. M. Fisher.. ..... "
Asst. Sec. A. C. Wigren..... "
Treas. J. H. Campbell..... "
Audr. E. F. J. Gaynor ..... "

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702a — Lehigh Power Securities Corpn.—Office, 71 Broadway. (Controls Lehigh Valley Transit Co. and Pennsylvania Power & Light Co. (which is merger of Lehigh Valley Lt. & Pwr. Co., Northumberland County Gas & Elec. Co., Northern Central Gas Co. Columbia & Montour Elec. Co., Harwood Elec. Co., Schuylkill Gas & Elec. Co., and Pennsylvania Ltg. Co.) and Hagerstown Lt. & Ht. Co. of Washington County. (Fiscal Agent, Electric Bond & Share Co.)

Chrmn. Bd. S. Z. Mitchell.....New York
Pres. E. K. Hall..... "
V. Prests. H. H. Crowell..... "
Wm. Darbee..... "
E. W. Hill..... "
P. B. Sawyer..... "
Sec. E. P. Summerson..... "
Treas. Wm. Reiser..... "
Compt. A. E. Smith..... "
Gen. Audr. M. H. Arning..... "

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702b—National Utilities Co.—Office, 115 B'way, New York and 81 E. Long St., Columbus, Ohio. (Control and are managers of the following companies—Ohio & Western Utilities Co. which controls The Chillicothe (Ohio) Elec. R. R. Lt. & Pwr. Co. and Ft. Scott & Nevada (Mo.) Lt., Ht., Wtr. & Pwr. Co; Ohio Utilities Co. which controls Hillsbhiro Ice & Coal Co; The Ohio Utilities Co. of Ohio, supplying Delaware, Circleville, Gallipolis and Hillsboro (Ohio); and The Chillicothe & Camp Sherman Elec. Ry. Co., Eastern States Public Service Co. which controls New Jersey Gas & Elec. Co. (Dover), Newton Elec. & Gas Co. and Lambertville Public Service Co; also manages Port Arthur (Texas) Gas & Pwr. Co. and Flemington (N. J.) Elec. Lt. & Pwr. Co.)

Pres J. C Martin .....Columbus, Ohio
1st V. Pres. A. W. Brooks .Boston, Mass.
2nd V. Pres. A. F. Beringer....New York
Sec. Ralph Madison.....Columbus, Ohio
Treas. R Buchanan, Jr.....New York

119

703—The North American Co.—Offices 30 Broad St. New York City and Union Bldg., Newark N. J. (Controls or is interested in Union Elec. Lt. &

Pwr. Co., United Rys. Co. of St. Louis. The St. Louis County Gas Co., Detroit (Mich.) Edison Co. West Ky. Coal Co. (Sturgis, Ky.) and The Wisconsin Edison Co., Inc., New York, N. Y., (which controls The Milwaukee Elec. Ry. & Lt. Co., Wisconsin Gas & Elec. Co., North Milwaukee Lt. & Pwr. Co., and Wells Pwr. Co. all of Wis.)

Pres. Jas. D. Mortimer.....New York
Asst. to Pres. Edwin Gruhl.... "
V. Prests. { Henry H. Pierce.... "
C. S. Ruffner..... "
& Treas. R. L. Warner "
Sec. & Asst. Treas. J. F. Fogarty "
Asst. Treas. Robt. Sealy..... "
Asst. Secs. { F. H. Piske..... "
Robt. Randall .... "

119

705—Ohio & Western Utilities Co. — Office, 115 Broadway, New York, (Controls Ft. Scott & Nevada Lt., Ht. Wtr. & Pwr. Co. (Nevada, Mo.) and Chillicothe (O.) Elec. R. R. Lt. & Pwr. Co. and in turn is controlled and managed by National Utilities Co., New York.)

Pres. A. F. Beringer..... New York
1st V. Pres. J. C. Martin Columbus, Ohio
2nd V. Pres. L. M. Symmes....New York
3rd V. Pres. & Sec.
R. Buchanan Jr..... "
Treas. E. H. Van Wyck..... "

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706—Pennsylvania Electric Co.—Offices, 394 Du Pont Bldg., Wilmington, Del. and 14 Wall St. New York (Controls through ownership of securities the following: Penn Public Service Corpn., (Johnstown); Johnstown (Pa.) Fuel Supply Co; and Centre & Clearfield Ry. Co. (Philipsburg, Pa.)

Pres. H. D. Walbridge.....New York
V. Prests. { J. K. Andrews..... "
F. T. Hepburn..... "
Sec. L. A. Wood ..... "
Treas. F. E. Haag..... "
Asst. Sec. M. M. Durkin ..... "
Asst. Treas. A. E. Walbridge... "

★50

707—Southern Light & Traction Co.—New York office, 120 Broadway. (This corporation was organized under the laws of New Jersey to hold stocks, bonds and other securities, and is chiefly interested in street railway, electric and gas lighting properties.) (Practically entire capital stock owned by the American Lt. & Trac. Co.)

Pres. Emerson McMillin.....New York
V. Pres. Philip Lehman..... "
Sec. C. N. Jelliffe..... "
Treas. A. P. Lathrop..... "

129

708 — Southwestern Pwr. & Lt. Co.—New York office, 71 Broadway. (Controls Texas Pwr. & Lt. Co., Ft. Worth Pwr. & Lt. Co., El Paso Gas Co., Galveston Gas Co., Paris Transit Co., Wichita Falls Elec. Co., Wichita Falls Wtr. Co., West Texas Elec. Co., Sweetwater Ice & Cold Storage Co., International Elec Co., Eagle Pass Wtr. Co., Hutchinson Gas & Fuel Co. and Newton Gas and Fuel Co.) (Controlled by the American Pwr. & Lt. Co.)

Pres. F. G. Sykes.....New York
V. Prests. { E. W. Hill ..... "
A. S. Grenier..... "
H. R. Kingman ..... "
Sec. E. P. Summerson ..... "
Asst. Sec. H. L. Martin ..... "
Treas. Wm. Reiser..... "
Asst. Treasrs. { A. C. Ray..... "
G. J. Hickman..... "

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709—The United Gas & Elec. Corpn. — Office, 61 Bway., New York, Controls Utilities Oil & Ref. Corpn. (which controls the common stock of United Okla. Oil & Gas Corpn. (New York, N.Y.) and the common stock of Houston (Tex.) Gas & Fuel Co. and Houston Heights Wtr. & Lt. Assn. (Houston, Texas); Consumers' Elec. Lt. & Pwr. Co. (New Orleans, La.), Harrisburg, (Pa.) Lt. & Pwr. Co., Gretna (La.) Lt. & Pwr. Co., Inc., preferred stock of Richmond, (Ind.) Lt., Ht. & Pwr. Co., common and preferred stock of Union Gas & Elec. Co. (Bloomington, Ill.), Inter-City Terminal Ry. Co. (North Little Rock, Ark.); United Gas & Elec. Co. of New Jersey which controls Citizens Gas & Fuel Co., (Terre Haute, Ind.), Elmira (N.Y.) Wtr., Lt. & R. R. Co., Colorado Springs (Colo.) Lt., Ht. & Pwr. Co (which controls Citizens Lt., Ht. & Pwr. Co. (Colorado Springs, Colo.) and the Wilkes-Barre (Pa.) Co., the common stock of Richmond (Ind.) Lt., Ht. & Pwr. Co., Empire Wtr. & Pwr. Co., (Colorado Springs, Colo.), Leavenworth (Kans.) Lt. Ht. & Pwr. Co. and Lockport (N.Y.) Lt., Ht. & Pwr. Co. (which controls the common stock of International Pwr. & Trans. Co. (Lockport, N. Y.); Lancaster (Pa.) County Ry. & Lt. Co. (which controls Conestoga Trac. Co. which controls Conestoga Realty Co. (Lancaster, Pa.) and the common stock of Edison Elec. Co., (Lancaster, Pa.) and Lancaster (Pa.) Elec. Lt., Ht. & Pwr. Co.; Lancaster Gas Lt. & Fuel Co. (which controls Columbia (Pa.) Gas Co.), United Gas & Elec. Engrg. Corpn. (which controls the common stock of Central River Coal & Supply Co., (New York, N. Y.).

Pres. Edward G. Connette.....New York
V. Prests. { Francis T. Homer 40 Wall St. "
Tracy A. Johnson "
Sec. John A. McKenna..... "
Treas. & Compt. Arthur L. Linn, Jr. "
Pur. Agt. F. Geo. Robinson... "

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710 — United Gas & Elec. Engrg. Corpn.— Office, 61 Broadway, New York. (Acts as consulting, contracting and operating engineers for all classes of public utility properties. Now acting in this capacity for the following companies: Citizens' Gas & Fuel Co. (Terre Haute, Ind.), Columbia (Pa.) Gas Co., Houston (Texas) Gas & Fuel Co., Lancaster Pa.) Gas Lt. & Fuel Co., Conestoga Trac. Co. (Lancaster, Pa.), Richmond (Ind.) Lt., Ht. & Pwr. Co., Consumers Elec. Lt. & Pwr. Co. (New Orleans, La.), Edison Elec. Co. (Lancaster, Pa.) Gretna (La.) Lt. & Pwr. Co., Inc., Lancaster, (Pa.) Elec. Lt., Ht. & Pwr. Co., Leavenworth (Kan.) Lt., Ht. & Pwr. Co., Union Gas & Elec. Co. (Bloomington, Ill.), Harrisburg, (Pa.) Lt. & Pwr. Co., Elmira, (N. Y.) Wtr. Lt. & R. R. Co., Colorado Springs (Colo.) Lt., Ht. & Pwr. Co., Lockport (N. Y.) Lt. Ht. & Pwr. Co., The Wilkes-Barre (Pa.) Co., Central River Coal & Supply Co., and Houston Heights (Tex.) Water & Lt. Assoc.) (Controlled by The United Gas & Elec. Corpn.)

Pres. Edward G. Connette.....New York
V. Prests. { John F. Wessel.... "
Francis T. Homer. 40 Wall St. "
W. B. Emmert..... "
T. A. Johnson..... "
Sec. & Asst. Treas.
John A. McKenna ..... "
Treas. & Compt. Arthur L. Linn, Jr. "
Asst. Treas. H. T. Van Iderstine "
Asst. Compt. Robt. C. Hill..... "
Statistician, M. M. Wheeler.... "
Pur. Agt. F. Geo. Robinson.... "

Engr. Northern Properties
J. W. Thomas.....New York
★60

712 — J. G. White & Co., Inc.—Office, 37 Wall Street, New York. (Originators and distributors of municipal, railroad, industrial and public utility investments.) (Controls The J. G. White Management Corporation and The J. G. White Engineering Corporation.)
Pres. J. G. White.....New York
V. Prests. { R. B. Marchant... " / S. B. Steel..... " / G. M. Hubbard.... " / J. Dugald White... "
Sec. & Asst. Treas. A. L. De Camp "
Asst. Secs. & Asst. Treasrs. { Geo. R. Doremus " / E. S. Cubberley "
★50

713 — The J. G. White Engineering Corpn.—Office, 43 Exchange Pl. (Engineers and constructors for industrial plants, buildings, steam power plants, water powers, gas plants, steam and electric railroads and transmission systems.) (Controlled by J. G. White & Co., Inc.)
Chrmn. Ex. Com. J. G. White. New York
Pres. Gano Dunn..... "
V. Prests. { E. G. Williams..... " / A. S. Crane..... " / H. A. Lardner..... "
Sec. & Asst. Treas. C. F. Conn "
Treas. & Asst. Sec.
C. S. Pinkerton..... "
Asst. Treas. R. N. Whitcomb.. "
★50

714 — The J. G. White Management Corpn.—Office, 43 Exchange Pl. (Manages and supervises the organization, rehabilitation and operation of all classes of public utility properties. Those now under contract include the following holding companies controlling about fifty subsidiary companies: Associated Gas & Electric Co., New York; Kentucky Public Service Co., Bowling Green; Augusta-Aiken Railway & Electric Corpn., Augusta, Ga.; Brewster & Co., Long Island City, N. Y.; Eastern Pennsylvania Railways Co., Pottsville, Pa.; The Helena (Mont.) Light & Ry. Co.; The Manila Electric Railroad & Lighting Corpn., Manila, P. I.; Ferrocarril Del Pacifico De Nicaragua, Managua, Nicaragua; Philippine Ry. Co., Iloilo, P. I.; and Southern Utilities Co., Palatka, Fla. Also manages the Poughkeepsie & Wappingers Falls Railway Co., Poughkeepsie, N. Y.; St. Johns Elec. Co., St. Augustine, Fla.; Matanzas-American Sugar Co., Matanzas, Cuba; Central Sugar Corpn., Salamanca Cuba; Bowling Green; Brewster & Co., Long Island City, N. Y; and Philippine Ry. Co., Iloilo, P. I.)
Chrmn. Ex. Com. J. G. White, New York
Pres. J. H. Pardee..... "
V. Prests. { Joseph K. Choate.. " / A. L. Mathews .... " / John I. Mange..... "
Sec. & Treas. T. W. Moffat... "
Asst. Sec. & Asst. Treas.
H. B. Brown..... "
★50

715—The Wisconsin Edison Co., Inc.—Office, 30 Broad St. (Controls The Milwaukee Elec. Ry. & Lt. Co., the Wisconsin Gas & Elec. Co., the North Milwaukee Lt. & Pwr. Co., and Wells Power Co.) (Controlled by The North American Co.)
Pres. J. D. Mortimer.....New York
V. Prests. { Henry H. Pierce, 49 Wall St, " / Edwin Gruhl..... "
Sec. J. F. Fogarty..... New York
Asst. & Treas. { Robt. Sealy..... " / Ferdinand Sherwood.. "
Asst. Sec. Robt. Randall..... "
119

Borough of Queens. 366,426 (1915)
(See also Nos. 645, 725 and 746)

716 — The Long Island Consol. Elecl. Cos.—Office, Penna. Sta., New York. (Owns one-half interest in the New York & Long Island Trac. Co. and the Long Island Elec. Ry. Co.)
Pres. Ralph Peters.....New York
V. Pres. C. L. Addison ..... "
Sec. Frank E. Hoff..... "
Treas.
J. F. Fahnestock.....Philadelphia, Pa.
Compt. E. A. Stockton. " "
★50

717—Long Island Elec. Ry. Co.—Office, 7 Borden Ave., Long Island City. (Connects Brooklyn, Queens, Jamaica and Far Rockaway.) (Controlled by The Long Island Consol. Elecl. Cos. and Interborough Rapid Transit Co.)
Pres. C. L. Addison
Penna. Sta., New York
V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
Sec. & Treas.
Frank E. Hoff..Penna. Sta., New York
Audr. Wm. Hartz.....Long Island City
Supt. J. M. Stoddard.....Jamaica
Claim Agt. A. J. Eaton....Long Island City
Supt. Equip. J. W. Gerke " "
Energy purchased from The L. I. R. R. Co; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shops at Jamaica.
Reaches Far Rockaway, Belmont Park, and Jamaica Race Track.
25.84 miles; 4-8½ g; 36 motor pass. and 8 other motor cars. ★50

718 — The Long Island Railroad.—Operating and Executive Offices, Penna. Sta., 8th Ave. & 32d St., New York. (Operates a main line by electricity from Manhattan, at the Pennsylvania Sta. over tracks of the Pennsylvania Tunnel & Terminal Railroad Co. to Harold Avenue, Long Island City, and thence over its own tracks to Jamaica, with the following branches and extensions: line from Harold Avenue into its Long Island City Ferry Terminal; line from Winfield Junction to Port Washington on the north shore, with a diverging line from Whitestone Junction to Whitestone Landing; line from White Pot Junction to Rockaway Park on the south shore; an extension from Jamaica southerly by way of Valley Stream and Far Rockaway to a wye junction with the last mentioned line at Hammels; line from Valley Stream, via Lynbrook, to Long Beach; line from Jamaica eastward through Garden City to Meadowbrook, with a spur near Queens running to Belmont Park and north and south branches at Hempstead Crossing to Mineola and Hempstead respectively; line from Jamaica into the Flatbush Avenue Terminal, Brooklyn; in addition to the aforementioned lines, which are all operated by the third-rail system, there are two pieces of track over which storage battery cars are regularly operated—the branches from Bushwick to Bushwick Junction and from Valley Stream to Mineola via Hempstead Crossing.) (Controls Ocean Elec. Ry. Co., The Glen Cove R. R. Co., The Northport Trac. Co. and The Nassau County Ry. Co. (Controlled by the Long Island R.R.)

Pres. Ralph Peters.....New York
V. Pres. Henry Tatnall, Philadelphia, Pa.
Prests. A. J. County.. " "
Sec. & Asst. Treas.
Frank E. Haff.....New York
Asst. Sec. & Asst. to Pres.
C. L. Addison.....New York
Treas. J. F. Fahnestock....Philadelphia
Asst. Treas. John M. Wood "
Compt. E. A. Stockton.. . "
Gen. Counsel, F. T. Gowen. "
Audr. T. J. Ludlam.....New York
Gen. Supt. J. R. Savage..... "
Asst. Gen. Supt. C. D. Baker....Jamaica
Supts. Fgt. W. E. Canning..... "
Pass., Ralph Peters. Jr.. "
Mot. Pwr.
G. C. Bishop,...Richmond Hill
Tel. & Elec. L. S. Wells..New York
Pur. Agt. H. B. Hodges.....Jamaica
Claim Agt. W. H. Mahler.....New York
Gen. Pass. Agt. P. H. Woodward "
Gen. Fgt. Agt., Donald Wilson "
Asst. Gen. Fgt. Agt. G. F. Stump "
Gen. Storekeeper Eugene Wright. "
Ch. Engr. L. V. Morris..... "
Ch. Engr. Elec. Trac. Geo. Gibbs New York
Real Estate Agent
H. A. Howarth..... "
Engr. M. of W., E. M. Weaver..Jamaica

Energy purchased from the Pennsylvania Railroad; trans. volt. 11,000 v. 25 cys; trolley volt. 675 v.

15 sub. stas. tot. cap. 56,000 kw. 41 rot. conv.

Repair shops at Richmond Hill.

747.13 miles owned, stm. & elec. (824.88 mi. 1st m. t., 132.48 mi. 2nd m. t., 289.77 mi. sid.); also 180.48 miles leased and 7 64 miles track rights. Total miles operated 191.9; 5-6¼ g. 3rd rail; 462 motor pass., 527 trail pass, 15 motor fgt. & exp. 2809 trail fgt. & exp., 1 motor service and 301 trail service cars; 2 elec. locos. ★60

719—New York & Queens County Ry. Co.—Office, 7 Borden Ave., Long Island City.
Pres., Gen. Mgr. & Pur. Agt.
W. O. Wood.....Long Island City
V. Pres. W. L. Pepperman
165 Broadway, New York
Sec. H. M Fisher..... " "
Treas. J. H. Campbell.. " "
Audr. E. F. J. Gaynor.. " "
Asst. Audr. Wm. Hartz. Long Island City
Claim Agt. A. J. Eaton.. " "
Supt. Transpt.
S. H. Serena..... " "
Roadmaster, J. J. Hogan " "

Energy purchased from Interborough Rapid Transit Co; trans. volt. 11,000 v; trolley volt. 575 v.

2 sub-sta. (1 with auto. cont.) tot. cap. 9000 kw; 9 rot. conv.

Repair shops at Woodside.

Reaches North Beach.

77.15 miles; 4-8½ g: 202 motor pass. 30 other motor and 3 other cars. ★50

720—Ocean Elec. Ry. Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Far Rockaway with Rockaway Beach, via trackage rights over The Long Island R. R. Co: to Hammels, and from Hammels to Rockaway Park and Belle Harbor by its own line.)
Pres Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Hoff..... "
Treas. J. F. Fahnestock, Philadelphia, Pa.
Comptroller E. A. Stockton "
Supt. Alvah Seaman.....Far Rockaway
Real Estate Agt.
H. A. Howarth.....New York

Energy from L I. R. R. Co.; trolley volt. 675 v.

Repair shops at Morris Park.

8.54 miles owned and leased; 4-8½ g; 25 motor pass. and 3 other cars. ★50

Borough of Richmond. 97,883 (1915).

721—Richmond Light & R. R. Co.—Office, Terminal Bldg., New Brighton, N. Y. (Formerly Staten Island Elec. R. R. Co. Connects Elizabethport, St. George and Bergin Point Ferries and the following towns: Mariners Harbor, Port Richmond, New Brighton, West New Brighton, Tompkinsville, Stapleton, Clifton and South Beach.)
Receiver, John J. Kulm
115 Broadway, New York
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Mgr. R. L. Rand, New Brighton
Sec. & Treas. J. E. Phillips... "
Supt. of Rys. H. J. Blackham "
Claim Agt. John J. Carlin.... "
Pur. Agt. J. F. Fitzgerald, Jr. "
Ch. Engr. W. H. Rudisill..... "
Supt. Distbrn., Paul Van Wagner "
Ch. Engr. Pwr. Sta. —— —— "
M. M., Otto Gottscalk ..... "
Engr. of Ovhd. Const.
Stephen McCormick..... "
Roadmaster, Joseph McPhee "

Power sta. equip. 1 d. c. Allis-C 800 kw; 5 a.c. turbo-gen. G. E., West tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 1800 hp. e. Allis-C; 6060 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.

2 sub-stas. tot. cap. 3500 kw; 5 rot. conv., (3-500 kw. and 2-1000 kw.)

Power sta. at Livingston, S. I.; repair shops at Brook St. car house, New Brighton.

32 miles; 4-8½ g; 123 motor pass., 10 other motor and 4 other cars. (Company does general lighting and power business.) ★50

722—Southfield Beach R. R. Co.—Office, Terminal Bldg., New Brighton, N. Y. (Connects South Beach and Midland Beach.)
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Gen. Mgr.
R. L. Rand.....New Brighton
Sec., Treas. & Audr.
J. E. Phillips..... "
Supt. of Rys. H. J. Blackham "
Pur. Agt. J. F. Fitzgerald, Jr. "
Ch. Engr. W. H. Rudisill... "

Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600 v; trolley volt. 600 v.

Reaches several beaches.

4 miles; 4-8½ g; Richmond Lt. & R.R. Co.'s cars. 50

723—Staten Island Midland Ry.—Office, Terminal Bldg., New Brighton, N. Y. (Connects St. George, Tompkinsville, Stapleton, Concord, New Dorp, Midland Beach and Richmond; at St. George connects with ferry for New York.)
Receiver, Jacob Brenner
26 Court St., Brooklyn
Pres. Clarence W. Huntington
60 Wall St., New York
V. Pres. & Gen. Mgr
R. L. Rand.....New Brighton
Sec. A. M. Stillwell..... "
Treas. A. Watson..... "
Audr. J. E. Phillips..... "
Supt. of Rys. H. J. Blackham "
Claim Agt. John J. Carlin.. "
Pur. Agt. J. F. Fitzgerald, Jr. "
Ch. Engr. W. H. Rudisill.. "

Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600; trolley volt. 600 v.

28 miles; 4-8½ g; 71 motor cars. ★50

NIAGARA FALLS. 42,257 (1915).
(See also No. 1272)

724—Niagara Gorge R. R. Co.—Office, Niagara Falls. (Leases the Lew-

liston & Youngstown Frontier Ry. Co.) (Connects Niagara Falls, Suspension Bridge, Lewiston, Fort Niagara, Fort Niagara Beach and Youngstown. Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.)
Pres. (Mrs.) Jos. T. Jones.....Buffalo
V. Pres. & Gen. Mgr.
Bert L. Jones, 604 Ellicott Sq., "
Sec. Grosvenor L. Corliss..... "
Treas. Kendall B. Hassard..... "
Audr. A. B. Elmer.....Niagara Falls
Supt. E. E. Nicklis..... "
Gen. Pass. Agt., John Edbauer, "
Ch. Engr. F. E. Paradis. ....Buffalo
M. M., Chas. Hute..... "
Roadmaster,
Joseph Mondia.....Niagara Falls
Energy purchased from Niagara, Lockport & Ontario Pwr. Co. 11,000 v. to sub-sta. at Lewiston.
Sub-sta. equip.: 800 kw. rot. conv. G. E. Westg; trolley volt. 600 v.
Repair shops at Niagara Falls.
Reaches Fort Niagara Beach, (controlled.)
22.12 miles; 4-8½ g; 29 motor pass. and 42 other cars. (Of this equip. 9 motor and 3 other cars are owned by the Lewiston & Youngstown Frontier Ry. Co.)
★50

724a—Niagara Junction Ry. Co.—(Operates wholly within Niagara Falls and Town of Niagara—switching road only.)
Pres. Paul A. Schoellkopf, Niagara Falls
V. Prests. { C. P. Hugo Schoellkopf, Niagara Falls
{ Morris Cohn Jr. " "
Sec. F. L. Lovelace..... " "
Treas. W. Paxton Little
Audr. H. L. Murdock..... " "
Gen. Mgr.
Alfred H. Schoellkopf.... " "
Supt. F. H. Dryden..... " "
Pur. Agt. A. A. Haun..... " "
Ch. Engr. John L. Harper " "
Energy purchased from Niagara Falls Pwr. Co., 2 West transf. tot. 800 kw; 1 rot. conv. West. 750 kw. trans. volt. 2200 v; trolley volt. 600 v.
Repair shops at Niagara Falls.
19.48 miles (4.85 mi. 1st m. t., 14.58 mi. sid.) Total miles operated 17.65; 4-8½ g; 9 trail fgt. & exp. cars; 3 elec. locos.
★60

NORTHPORT. 2,096.

(See also Nos. 645, 716, 717, 720 and 746.)

725—The Northport Traction Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Northport and Northport Village.)
Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Hoff..... "
Treas. J. F. Fahnestock.....Philadelphia
Compt. E. A. Stockton..... "
Asst. { J. S. Donaldson.... "
Comps. { F. J. Felt, Jr..... "
Supt. Alvah Seaman.....Far Rockaway
Gen. Pass. Agt. P. H. Woodward, New York
Pur. Agt. H. B. Hodges ..... "
Claim Agt. W. H Mahler..... "
Supt. of Teleg. & Elect. L. S. Wells, "
Ch. Engr. of Elec. Trac., George Gibbs, "
Eng. M. of W.
E. M. Weaver.....Jamaica, N. Y.
Real Estate Agt.
H. A. Howarth.....New York
Energy purchased from Long Island Ltg. Co., trolley volt. 575 v.
Repair shops at Morris Park, L. I.
2.69 miles; 4-8½ g; 2 motor pass. 1 fgt. motor and 1 fgt. car without motor. ★50

OGDENSBURG. 15,933.

726—Ogdensburg St. Ry. Co.—Office, Potsdam.
Pres. F. A. Stoughton.....Potsdam
Sec. & Treas. Paul B. Murphy,.. "
Mgr. J. M. Daly.....Ogdensburg
Energy purchased from Ogdensburg Pwr. & Lt. Co.
Repair shops at New York Ave.
7.93 miles (7.36 mi. 1st m. t., 0.57 mi. sid); 4 8½ g; 15 motor pass. cars, 3 motor service cars and 1 trail service car. ★50

OLEAN. 18,000 (1915).

727—Western New York & Penna. Trac. Co.—Office, 142 N. Union St. (Controls Shinglehouse R. R.) (Connects the following: Olean, Portville, Ceres, Little Genesee, Bolivar and Allegany, N. Y. and Bradford, Lewis Run, Clarksdale, Derrick City and Gillmor, Pa. and Knapps Creek, Rock City, Olean, Vandalia, Carrollton, Salamanca and Little Valley, N. Y.)
Recvr. Wm. A. Dusenbury.....Olean
Pres. Gordon Campbell
c/o Day & Zimmerman, Philadelphia
V. Pres. & Treas. Jos. B. Mayer...New York
Sec. J. P. Quigley.....Salamanca
Audr. B. D. Nobles.....Olean
Gen. Mgr. I. W. Miller..... "
Gen. Fgt. & Pass. Agt. &
Park Mgr. W. P. Bailey..... ... "
Div. Supts. { N. W. McCondless Bradford, Pa.
{ A. C. Sloan.....Salamanca
Elec. Engr. W. K. Page.....Olean
Engr. Pwr. Sta. L. L. Kemp..... "
M. M., W. J. Benman..... "
Pwr. sta. equip. 5 d. c. G. E. total 1800 kw: 5 a. c. G. E. tot. 14,400 kw. 370 v. 3 ph. 25 cys; 2270 hp. e. (gas) Westg, Snow; trans. volt. 19,100 v; trolley volt, 600 v.
Power sta. at Ceres; repair shops at Olean and at 284 Congress St., Bradford.
Owns Riverhurst Park. Controls Rock City Park and reaches Edgewood, Hamilton and Country Clubs.
99.8 miles; 4-8½ g; 55 motor, 30 fgt., and 3 other cars; 5 service cars and snow plows. (Has freight and express service.)
★50

ONEIDA. 8,317.

(See also Nos. 741, 750 and 755.)

728—New York State Rys. (Oneida Lines).—Office, 325-329 Main Street, Utica, N. Y. (Operates by lease the Elec. Div. of the West Shore Ry. between Utica and Syracuse, 44 miles.) (Connects Syracuse, Kirksville, Canastota, Oneida, Clark Mills, Vernon, Sherrill New York Mills and Utica.)
Pres. J. F. Hamilton.....Rochester
Asst. to Pres. W. F. Stanton.. "
Sec. J. C. Collins..... "
Asst. Sec. H. L. Reichart..... "
V. Pres. B. E. Tilton.....Utica
Treas. M. S. Barger
Grand Central Terminal, New York
Gen. Supt. J. E. Duffy..... "
Supt. I. H. McEwen..... "
Claim Agt. J. S. Kubu..... "
Gen. Pass. Agt. F. V. Fullem..... "
Gen. Exp. Agt. F. W. Watts
LaFayette St. & Broadway, "
Gen. Audr. J. M. Joel.....Rochester
Audr. W. H. Dunkerly.....Utica
Pur. Agt. P. J. Honold .....Rochester
Asst. Pur. Agt. A. Ogilvie..... "
Engrs. of Way & Struct. { H. E. Bean.....Syracuse
{ E. P. Roundy.....Utica
Ch. Engr. C. L. Cadle... .....Rochester
Elec. Engr. H. E. Davis .....Utica
M. Ms. { J. F. McInerney.....Syracuse
{ H. S. Sweet.....Utica

Supt. of Equip., J. F. Uffert...Rochester
Cashier, T. P. Wheily.....Utica
Energy purchased from Adirondack Elec. Pwr. Corp; trans. volt. 60,000 v; trolley volt. 620 v.
Repair shops at Utica Park, Utica and at Wolf St., Syracuse.
117.981 miles operated (12.38 owned), (overhead and 3rd rail); 4-8½ g; 22 pass., 2 trail., 4 service and 2 exp. cars; 3 snow plows. ★50

ONEONTA. 10,474 (1914).

(See No. 639.)

OSSINING. 11,480.

729 — Hudson River & Eastern Trac. Co.—Office, 167 Croton Ave. (Operates in Ossining.)
Pres. O. G. Bennett.....Ossining
V. Pres. Winifield Post..... "
Sec. H. D. Swain..... "
Treas. & Gen. Mgr.
Wilder L. Stratton.....Mt. Vernon
Asst. Treas. C. Edw. Hallet ....Ossining
Energy purchased from Northern Westchester Ltg. Co.
2.81 miles; 5 motor and 1 other car. ★50

OSWEGO. 25,426.

730 — Empire State R. R. Corpn. (Oswego City Div.)—For officers see Syracuse.
Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trolley volt. 600 v.
Repair shops at Oswego.
Reaches an amusement park at Oswego Beach.
Mileage and equipment included in re- in report of No. 749. ★50

PATCHOGUE. 4,506.

731—Suffolk Trac. Co.—Office, 230 W. Main St., Patchogue. (Connects Patchogue, Holtsville, Blue Point, Bayport and Sayville; will extend to Port Jefferson and Brookhaven.)
Pres. Thos. L. Hughes,
120 Broadway, New York
Sec. & Treas. J. H. Bennington,
85 Clinton St., Brooklyn
Gen. Mgr. & Ch. Engr., J. C. Brackenridge,
95 Liberty St., New York
Supt. R. A. Newton.....Patchogue
Energy purchased from Patchogue Elec. Lt. Co.
Repair shops at Patchogue.
28.97 miles projected; 11.61 miles in operation; 4-8½ g; 4 cars (storage battery).
(Operation suspended Oct. 10, 1919.)

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PEEKSKILL. 15,502.

732—Peekskill Lighting & R. R. Co.—Office, 125 Main St., Ossining, (Operates Putnam & Westchester Trac. Co's. road, Peekskill to Oregon.) (Connects Peekskill with Lake Mohegan, Verplanck Point and Buchanan.)
Pres. F. A. Stratton.....Mt. Vernon
Sec. B. W. Stillwell..... "
Treas.
R. A. Carter..130 E. 15th St., New York
Asst. Treasrs. { O. G. Bennett...Ossining / H. D. Swain.... "
Asst. Gen. Mgr. I. M. Beatty... "
Supt. Charles Le Clair .....Peekskill
Ch. Elec. Engr. W. C. Fisher... "
Engr. Pwr. Sta. C. L. Woods... "
Roadmaster, E. Lockwood..... "
Power sta. equip. 2 d. c. Westg. tot. 300 kw; 5 a. c. Westg. tot. 525 kw. 2 ph. 60-162½ cys; 1100 hp. e. Westg; 600 hp. b. Big; trolley volt. 550 v. ★50
Power sta. at Water St.; repair shops at E. Main St., Peekskill.
Reaches Electric and Shady Lake Parks.
10.64 miles; 4-8½ g; 28 motor and 4 other cars, 2 snow plows. (Company furnishes lighting and power for stationary motors; also owns gas plant.) ★50

733—Putnam & Westchester Trac. Co.—Office. 1020 Main St., Peekskill. (Connects Peekskill & Oregon.) (Operated by Peekskill Ltg. & R. R. Co.)
Pres. Geo. E. McCoy.....Peekskill
V. Pres. Frank M. Dain..... "
Sec. H. D. Swain..... Ossining
Treas. Alfred J. Mason.....Peekskill
Asst. Treas. Charles Le Clair... "
Asst. Gen. Mgr. I. M. Beatty... "
Car service furnished under agreement with Peekskill Ltg. & R. R. Co.
4.354 miles; 4 8½ g. ★50

PENN YAN. 4,597.

734—Penn Yan & Lake Shore Ry.—Office, 115 Elm St. (Successor to Penn Yan, Keuka Park & Branchport Ry. Co.) (Connects Branchport, Bluff Point and Keuka Park with Penn Yan.)
Receiver William J. Tylee....Penn Yan
Pres. Geo. E. Tylee,
Summer St., Boston, Mass.
V. Pres. Clinton Hurlbutt....Branchport
Treas. W. H. Tylee
48 Hanover St., Boston, Mass.
Ch. Engr. Pwr. Sta.,
Jacob Darmsleadt.....Keuka Park
Power sta. equip. 2 d. c. Walker, tot. 300 kw; 500 hp. e. Slater; 500 hp. b. Dillon; trolley volt. 525 v.
Power sta. and repair shops at Park Landing, N. Y.
Owns and controls Electric Park.
10 miles; 4-8½ g; 6 motor pass. and 1 other car; 2 elec. locos. ★50

PLATTSBURGH. 11,188.

735 — Plattsburgh Traction Co.—Office, 3 Bridge St. (Connects Plattsburgh and Bluff Point, Cliff Haven and Plattsburgh Barracks.)
Pres. L. F. Loree, 32 Nassau St, New York
V. Prests. { W. H. Williams, 32 Nassau St., " / H. B. Weatherwax.....Albany / W. B. Schofield. 32 Nassau St., New York }
Sec. F. M. Olyphant " "
Treas. & Gen. Mgr.
H. L. Barber.....Plattsburgh
Audr.
D. L. Waters, ...598 Broadway, Albany
Atty. W. L. Pattisson.....Plattsburgh
Compt.
W. E. Eppler 32 Nassau St., New York
Supt. P. F. Geary.....Plattsburgh
Pur. Agt. (Asst. to V. Pres.)
Crannell Sprong. D & H Bldg..Albany
Ch. Engr. James MacMartin..... "
Roadmaster, Jas. Bresette....Plattsburgh
Energy purchased from Plattsburgh Gas & Elec. Co; trolley volt. 550 v.
Repair shops at Plattsburgh.
7.53 miles; 4-8½ g; 13 motor and 2 other cars. ★50

PORT BYRON. 1,128.

(See Nos. 749 and 750a.)

PORT CHESTER. 15,129.

736—New York & Stamford Ry. Co.—Offices, 481 Morris Park Ave., New York, N. Y., and New Haven, Conn. (Owned by the New York, New Haven & Hartford R. R.) (Connects New Rochelle, Larchmont, Mamaroneck, Harrison, Rye, Port Chester, Greenwich and Stamford.)

Pres. Leverett S. Miller.....New York
V. Pres. Howard Elliott..... "
Sec. & Treas.
A. E. Clark.....New Haven, Conn.
Audr. C. L. Nagle..... .....New York
Gen. Supt. P. W. J. Smith..... "
Pur. Agt. G. M. Spidell, Jr.... "
Claim Agt. F. E. Lyons..... "
Gen. Fgt. & Pass. Agt.
F. H. Richtmyer..... "
Supt. of Equip. R. B. Potter... "
Roadmaster, S. M. Berriam. .. "
Supvr. Ovhd. Constr.
Wm. Dunham..... "

Energy purchased from N. Y., N. H. & H. R. R.; trans. volt. 11,000 v. 3 ph. 25 cys; 3-500 kw. West. rot. conv. 6 ph. 25 cys; trolley volt. 600 v.

Sub-sta. and repair shops at Port Chester. Reaches Rye Beach.

27.339 miles owned (15.762 mi. 1st m. t., 8.038 mi. 2nd m. t., 3.539 mi. sid.); also 7.563 miles leased and 5.838 miles trackage rights. Total miles operated 40.54; 4-8½ g; 76 motor pass. and 9 motor service cars. ★50

PORT JERVIS. 9,564.

737—Port Jervis Traction Co.—Office, 132 Pike St. (Successor to Port Jervis Elec. Lt., Pwr., Gas & R. R. Co.'s railway business.) (Connects Port Jervis and Sparrow Bush.)
Pres. Geo. H. Stephenson
Land Title Bldg., Philadelphia, Pa.
Sec. M. F. Maury..... " "
Treas. & Audr. C. C. Corwin. Middletown
Supt. Chas. C. Wagner.....Port Jervis

Energy purchased from Orange County Public Service Corpn., Port Jervis; trolley volt. 550 v.

Repair shops at Port Jervis.

Reaches and owns Traces Park, Sparrow Bush.

3.985 miles; 4-8½ g; 7 motor pass. cars; 1 sweeper. ★50

POUGHKEEPSIE. 32,714.

(See also No. 663.)

738—Poughkeepsie & Wappingers Falls Ry. Co.—Office, 493 Main St. (Successor to Poughkeepsie City & Wappingers Falls Elec. Ry. Co.) (Leases Hospital branch of Central New England R. R. Connects Poughkeepsie and Wappingers Falls.)
Pres.
Mrs. Mary M. Hinkley...Poughkeepsie
V. Pres. Miss Mary Hinkley "
Sec. T. W. Moffatt.....New York
Asst. Sec. & Treas. H. Brown.. "
Audr. J. A. Nilan.....Poughkeepsie
Oper. Mgrs. J. G. White Management Corpn.....43 Exchange Pl., New York
Local Mgr. Chas. A. Brooks Poughkeepsie
M. M., A. Mather ..... "

Energy purchased from Central Hudson Gas & Elec. Co.; 2-300 kw. rot. conv; trans. volt. 550 v; trolley volt. 600 v.

Repair shops at 493 Main St.

18 miles; 4-8½ g; 27 motor cars. 109

RENSSELAER. 11,210.

(See Nos. 621 and 622.)

RIPLEY. 1,000.

(See No. 632.)

ROCHESTER. 248,465 (1915).

(See also No. 750a.)

739—Rochester, Lockport & Buffalo R. R. Corpn.—(Successor to Buffalo, Lockport & Rochester Ry. Co.) Address P. O. Box 1010, Rochester. (Connects Rochester, Spencerport, Adams Basin, Brockport, Holley, Hulberton, Albion, Knowlesville, Medina, Middleport, Gasport and Lockport, and makes direct connection with International Ry. for Niagara Falls and Buffalo.)
Pres E. R. Wood
26 King St., E., Toronto, Ont.
V. Pres.
A. S. Muirhead. " " "
Sec., Treas. & Gen. Mgr.
W. W. Foster.....Rochester
Audr. A. E. Bonn ..... "
Supt., Gen. Fgt. & Pass. Agt.
J. D. Nailor..... "
Pur. & Claim Agt., H. J. Vosburgh "
Supt. Power. A. J. Sprague.....Albion
Roadmaster Helmar Snow..... "
M. M., H. A. Ferry.....Rochester

Energy purchased from Niagara, Lockport & Ontario Pwr. Co. trans. 60,000 v trolley volt. 620 v.

5 sub stas. tot. cap. 3600 kw; 9 rot. conv.

Repair shops at Field Road, Rochester.

58.20 miles; 4-8½ g; 20 motor pass., 3 exp. motor, 1 fgt. and 16 other cars. ★50

740—Erie R. R. Co. (Rochester Elec. Div.)—Operates between Rochester, Avon, Geneseo and Mt. Morris.)
Supt. A. B. Caldwell..... Rochester
Pur. Agt.
W. R. Collins, 50 Church St., New York
Supvr. Elec. Serv.
R. C. Thurston.....Avon
Elec. Engr.
G. Eisenbauer.....Jersey City, N. J.
M. M., F. Tuma.....Avon

Energy from Niagara Falls over the lines of the Niagara, Lockport & Ontario Pwr. Co.

Sub-sta. at the "y" in Avon with 3-750 kw. 60,000 to 11,000 v. transf; s. ph. system.

Repair shops at Avon.

34 miles; 4-8½ g; 8 motor cars. 50

741—New York State Rys (Rochester Lines).—Office, 267 State St. (Controls through stock ownership the Rochester Elec. Ry. Co. and Ontario Lt. & Trac. Co.) (Connects Pittsford, Bushnells Basin, Fishers, Victor, Mertensia, Hathaways, Padelfords, Canandaigua, Hopewell, Seneca Castle and Geneva, W. Webster, Webster, Union Hill, Fruitland, Ontario Centre, Ontario, Williamson, E. Williamson, Sodus, Wellington, Sodus Pt., Sea Breeze, Summerville, Windsor Beach and Charlotte.)
Pres. J. F. Hamilton..... ...Rochester
Assts. to Pres. { Wm. F. Stanton. " / J. W. Hicks..... "
Gen. Counsel,
Harris, Beach, Harris & Matson "
Sec. & Asst. Treas. J. C. Collins. "
Asst. Sec. H. L. Reichart..... "
Treas. M. S. Barger
Grand Central Terminal, "
Gen. Audr. J. M. Joel ..... "
Supt. Transpt. City Lines
R. R. Hadsell..... "
Asst. Supt. of City Lines
B. C. Amesbury..... "
Supt. Transpt. Interurban Lines,
M. D. Kilbride ..... "
Supt. Equip. J. F. Uffert..... "
Claim Agt. J. J. Sharkey..... "
Gen. Pass. & Exp. Agt.
B. E. Wilson..... "
Supvr. Schedules
Herman E. Hicks..... "
Pur. Agt. P. J. Honald..... "
Asst. Pur. Agt. A. Ogilvie ..... "
Ch. Engr. C. L. Cadle..... "
Engr. Ways & Struct. H. A. Abell "
Office & Field Engr. L. R. Brown "
Elec. Engr. F. McVittie..... "
M. M., H. C. Kaercher..... "

Power sta. equip. 4 a. c. G. E. tot. 1800 kw. 380 v. 25 cys; 3000 hp. e. Williams, Allis-C; 2000 hp. b. B. & W; trans. volt. 11,000-16,500 v; trolley volt. 575-650 v. Energy also purchased from Rochester Ry. & Lt. Co.

9 sub-stas. (1-300 kw. automatic and 2 portable) tot. cap. 5700 kw; 14 rot. conv.

Power stas. at Float Bridge, Town of Irondequoit and Canandaigua.

Repair shops at Rochester.

Reaches Ontario Beach, Sea Breeze, Sodus Bay and Glen Haven Parks.

253.33 miles; 4-8½ g; 421 motor pass., 25 trail pass., 10 express motor, 3 fgt., 50 other motor and 53 other cars. ★50

742—Rochester & Manitou R. R. Co.—Office, Granite Building.

Pres. H. W. Wedel
209 Powers Bldg., Rochester
1st V.Pres. D. Hyman. Hudson St., Buffalo
2d V.Pres. A. J. Townson
250 Main St. E., Rochester
Sec. & Treas. K. B. Castle..... "
Supt. Pur. Agt. & Engr. Way & Equip. Geo. M. Wegman...Charlotte

Energy purchased from Rochester Ry. & Lt. Co; trolley volt. 550 v. d. c.

Repair shops at Charlotte.

Reaches Manitou Beach Park.

7.25 miles; 4-8½ g; 6 motor and 9 other cars. (Operates only during summer.)

59

ROCKVILLE CENTRE. 5,223 (1915).

(See No. 649.)

ROME. 30,497.

(See No. 755.)

ROSLYN. 1,800.

743—The New York & North Shore Trac. Co.—Office, Roslyn. (Connects Hicksville, Westbury, Mineola, East Williston, Roslyn, Port Washington, Manhasset, Great Neck, Little Neck, Douglaston, Bayside, Flushing and Whitestone.)

Pres. Geo. A. Stanley.....Roslyn
V. Pres. Elmer G. Story.....Bayside
Sec., Gen. Mgr. & Pur. Agt.
John G. Moran..... .....Roslyn
Treas. Geo. F. Schofield,
Schofield Bldg., Cleveland, O.
Supt. Ernest W. Wolf.....Roslyn
Claim Agt. Benjamin R. Duff..... "
Ch. Engr. Pwr. Sta.
George Gay.....Douglaston
M. M., Chester A. Kinsey.....Roslyn

Power sta. equip. 4 d.c. Westg. tot. 1200 kw; 2 a. c. Westg. tot. 2000 kva., 6600 v. 3 ph. 25 cys; 3000 hp. e. Westg; 1200 hp. b. Bab. & W; 2000 kw. turb. (stm.) Westg; trans. volt. 6600 v; trolley volt. 600 v.

Power sta. at Little Neck Bay (No P.O.); repair shops at Roslyn and Flushing.

38.12 miles; 4-8½ g; 19 motor and 3 other cars. 109

SARANAC LAKE. 5,500 (1915).

744—Paul Smith's Elec. Lt. & Pwr. & R. R. Co.—Office, 29 Main St., Saranac Lake. (Connects Clear Lake Junction on N. Y. C. R. R. to Paul Smith's Hotel.)

Pres. & Sec. Paul Smith.....Paul Smith's
V. Pres. J. M. Cantwell.....Malone
Treas. Phelps Smith.....Paul Smith's
Acct. W. J. Richardson.....Saranac Lake
Gen. Mgr. P. A. Gould..... "

Power sta, equip. 4 a. c. G. E. Stan. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 4500 hp. turb. (wtr.) S. & B. Smith; trans. volt. 22,500-45,000 v. 3 ph; trolley volt. 5,000 v.

Union Falls Plant—1 a. c. G. E. 1200 kw. 2300 v. 3 ph; 2500 hp. wtr. wh. Risd.-Alcott.

Franklin Falls Plant—1 a. c. G. E. 1165 kw. 2300 v. 3 ph; 1750 hp. wtr. wh. Leffell.

Saranac Lake.ttoPny c. S— .tas2nlale 290 kw. 2300 v; 450 hp. wtr. turb. Victor.

Keese Mill Plant—1 a. c. G. E. 120 kw. 5500 v; 200 hp. wtr. wh. Smith.

7.66 miles (s. ph. catenary); 4-8½ g; 1 motor pass. car and 3 other cars. (Furnishes lighting and power in Saranac Lake, Paul Smith's, Bloomingdale, Lake Clear, Gabriels, Rainbow, Lake Placid, Au Sable Fork and Lyon Mountain.)

60

SARATOGA SPRINGS. 12,698.

(See No. 646.)

SCHENECTADY. 100,000 (1918).

745—Schenectady Ry. Co.—Office, 512 State St., Schenectady. (Connects Warrensburg, Lake George, Glens Falls, Saratoga, Ballston Spa, Ballston Lake, Troy, Albany, Watervliet, Niskayuna, Karner, West Albany and Schenectady.)

Pres. J. F. Hamilton.....Rochester
V. Pres. H. B. Weatherwax..... Albany
Sec. Treas. & Pur. Agt.
J. H. Aitkin.....Schenectady
Gen. Audr. J. C. Collins.....Rochester
Gen. Mgr. James P. Barnes...Schenectady
Ch. Clerk to Gen. Mgr.
E. F. Kelley..... "
Audr. F. E. Belleville..... "
Supt. Transp. W. S. Hamilton "
Claim Agt. D. F Linnehan.. "
Gen. Fgt. & Pass. Agt.
C. J. Witherwax..... "
Supt. Pwr. F. Palmatier..... "
M. M., F. J. Doyle..... "
Engr. M. of W., B. Penoyer.. "
Supt. Ovhd. Constr. L. Trudeau "
Roadmaster, A. J. Crane... "

Energy purchased from General Electric Co.; trans. volt. 10,000 v; trolley volt. 600 v.

Repair shops at Church & Fuller Sts.

Owns Brandywine Park, Schenectady, and Forest Park on Ballston Lake.

139.67 miles; 4-8½ g; 201 motor and 33 other cars. ★50

SEA CLIFF, L. I. 1,981.

(See also Nos. 645, 716, 717, 720 and 725)

746—The Nassau County Ry. Co.—Office, Penna. Sta., New York. (Extends from Sea Cliff R. R. Sta. to Prospect Ave., Sea Cliff.) (Controlled by The Long Island R. R. Co.)

Pres. Ralph Peters.....New York
V. Pres. C. L. Addison..... "
Sec. Frank E. Hoff..... "
Treas. J. F. Fahnestock, Philadelphia, Pa.
Compt. E. A. Stockton..... " "
Supt. Alvah Seaman.....Far Rockaway
Real Estate Agt.
H. A. Howarth.....New York

Energy from The L. I. R. R. Co.; trolley volt. 2200 v.

1.55 miles; 4-8½ g; 3 motor cars. ★50

SENECA FALLS. 7,018.

747—Geneva, Seneca Falls & Auburn R. R. Co., Inc.—Office, Waterloo. (Connects Geneva, Waterloo and Seneca Falls.)

Pres., R. R. Quay,
1423 Farmers Bk. Bldg. Pittsburg, Pa.
V. Pres. Murray Gibson..Philadelphia, Pa.
Sec. L. G. Hoskins. .....Geneva
Treas., Supt. Claim & Pur. Agt.
W. A. Shirley.....Waterloo
Audrs., Wilson & Heye.....Rochester
M. M., John Jensen ..... "
Roadmaster, M. Dolan..... "
Asst. Supt., Elec. Engr. & Engr.
Ovhd. Cons. C. D. Skuse .....Waterloo

Energy purchased from Empire Gas & Elec. Co., Waterloo; trolley volt. 600 v.

Repair shops at Waterloo.

Owns and operates Cayuga Lake Park.

17.489 miles; 4-8½ g; 10 motor and 4 other cars. ★50

STAPLETON, S. I.

See Borough of Richmond, New York City.

SYRACUSE. 145,237 (1915).

(See also No. 633.)

749—Empire State R. R. Corpn.—Office, Lakeland nr. Syracuse. (Incorporated to take over part of the Empire United Railways, Inc., sold under foreclosure. Comprises the Syracuse, Lake Shore & Northern and Auburn & Northern lines. Operates an interurban line connecting Syracuse, Baldwinsville, Phoenix, Fulton, Minetto and Oswego (37.8 miles), city lines in Fulton (0.6 miles), city lines in Oswego (10.15 miles), interurban line connecting Auburn and Port Byron (7.69 miles) and city lines in Auburn (1.43 miles), making a total route mileage of 57.59.

Pres & Gen. Mgr., J. C. Nelson...Syracuse
V. Pres. T. W. Meachem..... "
Sec. & Comptr. S. C. Stivers..115 Broadway, New York
Treas. & Asst. Gen. Mgr. L. L. Odell.....Syracuse
Audr. J. B. Hyland..... "
Supt. J. E. Motsiff..... "
Claim Agt. N. Abelson..... "
Gen. Fgt. & Pass. Agt. Miss P. J. Kelley..... "
Signal Engr. H. F. Vokes..... "
M. M., Frank Wade..... "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trans. volt. 33 000 v; trolley volt. 650 v.

4 sub-stas, tot. cap. 2900 kw, supply the Syracuse-Oswego, Fulton and Oswego City Divisions; Auburn-Port Byron Div. is supplied through substation of N., L. & O. Pwr. Co.

Repair shops at Lakeland (near Syracuse).

Reaches Long Branch, Syracuse.

88.92 miles (overhead single trolley and catenary); 4-8½ g; 42 motor pass., 7 trail pass., 3 motor freight, 3 trail freight and 8 motor service cars. ★50

750—New York State Rys. (Syracuse Lines).—Office, Gridley Bldg. (Operates the East Side Traction Co.) (Connects Syracuse, East Syracuse, Minoa, Liverpool, Solvay & Rockwell Springs.)

Pres. J. F. Hamilton.....Rochester
Asst. to Pres. W. F. Stanton.... "
Sec. J. C. Collins..... "
Asst. Sec., H. L. Reichart.....New York
V. Pres. & Gen. Mgr. B. E. Tilton.....Syracuse
Treas. M. S. Barger Grand Central Terminal, New York
Gen. Supt. J. E. Duffy..... .....Syracuse
Supt. W. E. Holstock..... "
Supt. of Transpt. F. R. Latta.. "
Supt. of Equip. I. F. Uffert....Rochester
Claim Agt. A. D. Brown.....Syracuse
Gen. Pass. Agt. F. V. Fullem.....Utica
Gen. Exp. Agt. F. W. Watts Lafayette St. & Broadway, Utica
Gen. Audr. J. M. Joel.....Rochester
Audr. W. H. Dunkerly.....Syracuse
Pur. Agt. P. J. Honold.....Rochester
Asst Pur. Agt. A. Ogilvie..... "
Ch. Engr. C. L. Cadle..... "
Elec. Engr. & Engr. Way & Structures H. E. Bean.....Syracuse
H. G. Phroop..... "
Supvr. of Schedules M. J. Sargis "
M. M., J. F. McInerney..... "
Cashier, P. P. Wheiley..... "
Roadmaster, P. Miller..... "

Energy purchased from the Niagara, Lockport & Ontario Pwr. Co; trans. volt. 60,000-11,000 v; trolley volt. 625 v.

1 sub-sta. tot. cap. 6000 kw; 1 rot. conv.

Sub-sta. at Tracy & Townsend Sts; repair shops at Wolf & 5th North Sts.

95.63 miles; 4-8½ g; 231 motor pass. 1 express motor, 29 other motor and 6 other cars; 1 elec. loco. ★50

750a—Rochester & Syracuse R. R. Co., Inc.—P. O. Box 51, Syracuse. (Incorporated as successor to Rochester, Syracuse & Eastern R. R., formerly part of the system of the Empire United Railways, Inc., sold under foreclosure. Connects Rochester, E. Rochester, Fairport, Egypt, Macedon, Palmyra, Port Gibson, Newark, Lyons, Lock Berlin, Clyde, Savannah, Montezuma, Port Byron, Weedsport, Jordan, Memphis, Warner, Amboy, Belle Isle and Syracuse.) (Under management of Peck, Shannahan, Cherry, Inc.

Pres. A. H. Cowie.....Syracuse
V. Pres & Gen. Mgr. T. C. Cherry..... "
Sec. M., V. White..... "
Audr.-Treas. W. K. Zinsmeister.. "
Supt. A. P. Norris.....Newark
Claim Agt. R. S. Messenger....Syracuse
Gen. Fgt. & Pass. Agt. H. C. Stanton..... "
Pur. Agt. John H. Hickey..... "
Ch. Engr. D. E. Crouse.....Newark
Gen. Shop Frmn. C. Fleck..... "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co.; trans. volt. 33,000 v. 25 cys; 17 rot. conv. West. tot. 7750 kw; trolley volt 650 v.

Repair shops at Newark.

158.52 miles; 4-8½ g; 24 motor pass., 1 other motor and 14 other cars. ★50

751—Syracuse & Northern Elec. Ry., Inc.—Office, 500 Syracuse Savings Bank Bldg. (Acquired the properties of Syracuse & South Bay Elec. R. R. Co. and Syracuse, Watertown & St. Lawrence River R. R. Co.) (Connects Syracuse, No. Syracuse, South Bay, Cicero and Brewerton.) (Under management of Peck, Shannahan, Cherry, Inc.)

Pres. & Gen. Mgr. T. C. Cherry..Syracuse
Sec., H. C. Beach..... "
Treas. & Audr. W. K. Zinsmeister "
Supt. M. Campbell..... "
Claim Agt. S. L. Seegood "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co, trans. 33,000 v; trolley volt. 600 v.

1 sub-sta.; 2 rot. conv.

Repair shops at No. Syracuse.

Owns 300 acres of lake frontage at South Bay (through ownership of the Oneida Lake Terminal Co.) and amusement grounds on Frenchman's and Dunham's Islands at Oneida Lake.

32.91 miles; 4-8½ g, 6 motor pass., 4 trail pass., 2 express motor and 5 other cars. 50

752 Syracuse & Suburban R. R. Co. Office, 905 Eckel Theatre Bldg., Syracuse. (Connects Syracuse, Orville, Fayetteville, Manlius and Edwards Falls; branch also to Jamesville.)

Pres. John J. Stanley.....Cleveland, O.
Gen. Mgr., C. Loomis Allen. .Syracuse
V. Prests. Wm. P. Gannon, O. C. S. Bk. Bldg. "
Sec. & Claim Agt. W. H. Michell O. C. S. Bk. Bldg., "
Treas. A. C. Fones, Gurney Bldg. "
Audr. G. W. Avery..... "
M. M., F. J. Cahill..... .....Fayetteville

Power sta. equip. 2 d. c. G. E. tot. 480 kw; 500 hp. turb. (wtr.) Leffel; trolley volt. 600 v.

Power sta. (water) and repair shops at Edwards Falls (No P. O.).

Owns amusement parks at Edwards Falls and Jamesville.

18.52 miles; 4-8½ g; 25 motor cars and 1 other car. ★50

753—Peck, Shannahan, Cherry, Inc.—Offices, 400-401-402 Syracuse Savings Bank Bldg., Syracuse, and 807 Maryland Trust Bldg., Baltimore, Md. (Operates Maryland Elec. Rys., Annapolis; Auburn & Syracuse Elec. R. R. Co., Auburn, N. Y.; Rochester & Syracuse R. R. Inc.; Syracuse Northern Elec. Ry. Inc.; and Newport News & Hampton Ry., Gas & Elec. Co., Hampton, Va.)

Pres. J. N. Shannahan.....Hampton, Va.
V. Prests. { Edward F. Peck " / T. C. Cherry.....Syracuse
Sec. & Treas. Milford Badgero.. "

50

TROY. 76,813.

(See also No. 622.)

754—Troy & New England Ry. Co.—Office, 598 B'way. Albany. (Connects Albia, West Sand Lake and Averill Park.)

Pres. L. F. Loree
32 Nassau St., New York
V. Prests. { W. H. Williams 32 Nassau St., New York / H. B. Weatherwax....Albany / W. B. Schofield 32 Nassau St., New York
Treas. C. A. Hosg.....Albany
Audr. D. L. Waters..... "
Compt.
W. E. Eppler..32 Nassau St., New York
Gen. Mgr. A. E. Reynolds.....Albany
Asst. Gen. Mgr. T. J. Lynch.....Troy
Atty. John MacLean .....Albany
Claim Agt. J. S. Carter..... "
Supt. A. Crable.....Albia, Troy
Engr. Pwr. & Lines, C. E. Fasoldt, Albany
Engr. M. of W., Chas. Brennan... "
M. M., Ernest Murphy.. ..... "

Energy purchased from United Trac. Co; 2 d. c. West. tot. 300 kw; 500 hp. e. West; 525 hp. b. Man.

Power sta. at West Sand Lake; repair shops at Albia. (No P. O.)

Reaches Averill Park.

9.146 miles; 4-8½ g; 10 motor and 12 other cars. ★50

UTICA. 80,589 (1915).

(See also Nos. 728 and 741.)

755—New York State Rys. (Utica Lines). — Office, 325-329 Main St., (This company is a consolidation by purchase and merger of the Utica Belt Line St. R. R., Utica Suburban Ry., Utica & Mohawk R. R., Deerfield & Utica R. R., Frankfort & Utica St. Ry., Herkimer, Mohawk, Ilion & Frankfort Elec. Ry. and Rome City St. Ry. Co.) (Connects Rome, Oriskany, Whitesboro, New York Mills, Yorkville, Utica, New Hartford, Capron. Clinton, Frankfort, Ilion, Mohawk, Herkimer and Little Falls.)

Pres. J. F. Hamilton.....Rochester
Asst. to Pres. W. F. Stanton.. "
V. Pres. & Gen. Mgr., B. E. Tilton..Utica
Sec. J. C. Collins.....Rochester
Asst. Sec. H. L. Reichart..... "
Treas. M. S. Barger
Grand Central Terminal, New York
Gen. Supt. J. E. Duffy.....Utica
Supt. J. Jones..... "
Claim Agt. J. S. Kubu..... "
Gen. Pass. Agt. F. V. Fullem..... "
Gen. Exp. Agt. F. W. Watts
Lafayette St. & Broadway, "
Gen. Audr. J. M. Joel.....Rochester
Audr. W. H. Dunkerly.....Utica
Pur. Agt. P. J. Honold.....Rocheste
Asst. Pur. Agt. A. Ogilvie..... "
Ch. Engr. C. L. Cadle ..... "
Elec. Engr. H. E. Davis.....Utica
Engr. W. & S. E. P. Roundy..... "
Supvr. of Schedules, M. J. Sargis... "
Supt. Equip. J. F. Uffert.....Rochester
M. M., H. S. Sweet .....Utica
Cashier, T. P. Whelley ..... "
Roadmaster, R. W. Owens..... "

Energy purchased from Adirondack Elec. Power Corpn.; trans. volt. 17,000 v; trolley volt. 650 v.

Repair shops at Utica Park.

Reaches Summit Park (owned) and Utica Park (leased.)

130.16 miles; 4-8½ g; 180 motor pass., 6 trail pass., 7 express, 21 other motor and 9 other cars; 1 elec. loco. ★50

WARRENSBURG, 3,100 (1915).

(See No. 646.)

WATERLOO. 4,843.

(See No. 747.)

WATERTOWN. 26,780.

756—Black River Traction Co.—Office, 753 W. Main St. (Connects Watertown, Glen Park, Brownville and Dexter.)

Pres. Frank A. Lester.....Newark, N. J.
V. Pres. Charles I. Taylor.....New York
Sec. Delos M. Cosgrove.....Watertown
Treas. Richard Krementz..Newark, N. J.
Gen. Mgr., & Pur. Agt.
L. Schwerzmann..... .....Watertown

Power sta. equip. 8 d. c. Eager tot. 900 kw; 300 hp. e. Straight; 300 hp. b. Fitzg; trolley volt. 550 v.

Power sta. and repair shops at Watertown.

12.6 miles; 4-8½ g; 13 motor and 3 other cars; 2 sweepers. 50

WATKINS. 2,817.

(See No. 643.)

WAVERLY. 5,119.

(See also No. 642.)

757 — Waverly, Sayre & Athens Traction Co.—Office, Waverly. (Connects Waverly, N. Y., and Sayre, Athens, and So. Waverly, Pa.)

Pres. G. Tracy Rogers.....Binghamton
V. Pres. J. H. Murray.....Waverly
Secy. & Treas. F. E. Brixius, Binghamton
Supt. & Pur. Agt. W. E. Case...Waverly
Claim Agt. E. L. Pickley..... "
M. M., Daniel Hoover..... "
Roadmaster, D. J. Spillane..... "

Energy purchased from Sayre Elec. Co.

Repair shop at Sayre. Pa.

Reaches Keystone Park (operated by Interstate Amusement Co.)

11.92 miles; 4-8½ g; 20 motor pass. and 3 motor service cars. ★50

WEEDSPORT. 1,454.

(See No. 750a.)

WESTFIELD. 3,319.

(See Nos. 632, 655 and 657.)

WHITE PLAINS. 19,287 (1915).

758—Shore Line Elec. R. R. Co.—Office, 481 Morris Park Av., New York City. (Purchased the part of the Tarry

town, White Plains and Mamaroneck Ry. Co., from the intersection of Mamaroneck Ave. and Boston Post Road in the village of Mamaroneck, south on the Boston Post Road to the northeastern limits of Larchmont.) (Leased to and operated by the Westchester Street R. R. Co. of White Plains.)
Pres., L. S. Miller.....New York
V. Pres. — — —
Sec. & Treas.,
A. E. Clark.....New Haven, Conn.
Audr., C. L. Nagle.....New York
1.466 miles; 4-8½ g. 129

759—Westchester Street R. R. Co.—Offices, 481 Morris Park Ave., New York City. (Leases and operates Shore Line Electric Railroad Co.) (Controlled by N. Y., N. H. & H. R. R. Co.) (Connects Tarrytown, Mamaroneck, Silver Lake, Rosedale, Elmsford, White Plains and Scarsdale.)
Pres, Leverett S. Miller.....New York
V. Pres.
Howard Elliott.....New Haven, Conn.
Sec. & Treas. A. E. Clark " "
Audr., C. L. Nagle.....New York
Gen. Supt., P. W. J. Smith.... "
Pur. Agt., G. M. Spidell, Jr....New York
Claim Agt. F. E. Lyons..... "
Gen. Fgt. & Pass. Agt.,
F. H. Richtmyer..... "
Supt. of Equip. R. B. Potter... "
Roadmaster, S. Berrian.....Portchester
Supvr. Ovhd. Constr.,
Wm. Dunham..... "
Energy purchased from Westchester Ltg. Co.; trans. volt. 11,000 v. 3 ph. 25 cys; trolley volt. 600 v.
Repair shops at Portchester.
23.757 miles owned (20.252 mi. 1st'm. t., 0.382 mi. 2nd m. t., 2.123 mi. sid.); also 1.466 miles leased and 6.167 miles trackage rights. Total miles operated 30.39; 4-8½ g; 29 motor pass. and 6 motor service cars. ★50

WILLIAMSVILLE. 1,272.

760 — Buffalo & Williamsville Elec. Ry. Co.— Office, 98 Delaware Ave., Buffalo. (Connects Buffalo and Williamsville.)
Pres. L. L. Lewis., Jr.....Buffalo
V. Pres., L. L. Grove.....Williamsville
Sec. & Gen. Mgr. Godfrey Morgan. Buffalo
Treas. L. K. Warnick..... "
Power sta. equip. 2 d. c. G. E. tot. 400 kw; 1 a. c. G. E. 150 kw. 600 v. 3 ph. 25 cys; Cor. (stm.) eng: 200 hp. b.; energy also from Niagara Falls; trans. volt. 10,500-11,500 v; trolley volt. 600 v.
Power sta. and repair shops at Williamsville.
6.65 miles; 4-8½ g; 8 motor cars. 50

YONKERS. 95,000.

761—Yonkers R. R. Co.—Office, 2396 Third Ave., New York. (Connects N. Y. City Subway and Elevated R. R. Terminal, Yonkers, Mt. Vernon, New Rochelle, Eastchester and Hastings) (Controlled by the Third Ave. Ry. Co.)
Pres. Slaughter W. Huff.....New York
V. Pres. Leslie Sutherland.... "
Sec. Walter C. Burrows..... "
Treas. Alfred D. Sage..... "
Audr. B. G. Steinetz..... "
Supt. Transp.
William E. Thompson..... "
Pur. Agt. Chas. Witzel..... "
Claim Agt. John W. Yenson... "
Elec. Engr. Walter Quinn..... "
M. M., J. S. McWhirter
1119 Third Ave., "
Engr. M. of W.
E. M. T. Ryder..... "
Energy purchased from Third Ave. Ry. Co.; trans. volt. 6600 v; trolley volt. 575 v.
Sub-sta. equip. 4 rot. conv. tot. 2500 kw.
Substa. at Buena Vista Ave., Yonkers, repair shops at 65th St. & 3rd Ave., New York.
Mileage included in report of No. 689; 100 motor pass. and 14 service cars. ★50

YOUNGSTOWN. 570.

(See No. 724)

NORTH CAROLINA.

ASHEVILLE. 20,833 (1916).

762—Asheville & East Tennessee R. R.—Office, Asheville.
Pres. J. G. Merrimon. .....Asheville
V. Pres. Stanley Howland..... "
Sec. G. W. Epps..... "
Treas. Reginald Howland..... "
Gen. Mgr. J. S. Coleman..... "
Energy purchased from North Carolina Elecl. Pwr. Co.
Repair shops at Newbridge.
Reaches park in Weaverville.
8.7 miles; 4-8½ g; 3 motor pass. and 1 other car. 119

763—Asheville Power & Light Co. (Successor to Asheville Elec. Co.)—Office, 104 Patton Ave., Asheville. (Connects Asheville, West Asheville & Biltmore.) (Controlled by Carolina Pwr. & Lt. Co., for which the Electric Bond & Share Co. is fiscal agent.)
Pres. Charles E. Johnson.....Raleigh
V. Prests. { Gen. Mgr. H. W. Plummer...Asheville / Wm. Darbee..New York, N.Y.
Sec. E. P. Summerson
71 Broadway, New York, N.Y.
Treas. Wm. Reiser..... " "
Audr. & Asst. Treas.
B. M. Jones.....Asheville
Supt. & Elec. Engr.
F. A. Woodcock,
92 Central Ave., "
Pur. Agt. H. I. Seeley, Flint St. "
Ch. Engr. H. A. Ballard,
172 So. Broad Ave., "
Roadmaster, O. W. Cooper..... "
Power sta equip. 1 d. c. G. E. 300 kw; 1 a. c. G. E. 350 kva. 2300 v. 3 ph. 60 cys; 965 hp. e. Mc I. & S. Ham. Cor; 750 hp. b. Stir; 200 hp. wtr. turb. Victor; trans. volt. 6600 v; trolley volt. 650 v. Energy also purchased from North Carolina Electrical Pwr. Co.
1 sub-sta. cap. 3475 kw; 3 rot. conv.
Repair shops Asheland Ave.
19.2 miles; 4-8½ g; 39 motor pass., 6 trail freight and 6 motor service cars. (Co. does general lighting, power and gas business in Asheville and vicinity.) ★60

BURLINGTON. 4,808.

764—Piedmont Power & Light Co. (Formerly Alamance Ry. Co.)—Office, Burlington. (Purchased the ry. property of the Piedmont Ry. & Elec. Co.) (Connects Burlington, Graham and Haw River.)
Pres. J. R. Paschall.....Richmond, Va.
V. Pres., Gen. Mgr. & Pur. Agt.
Junius H. Harden.....Burlington
Sec. & Treas.
Kate L. Burges.....Richmond, Va.
Audr., E. L. Henderson.....Graham
Supt. & Ch. Engr.
H. G. Smith.....Burlington
Engr. Ovhd. Constr. P. L. Myers "

Power sta. equip. 2 d. c. G. E, tot. 500 kw; 2 a.c. G. E. tot. 1500 kva. 2300 v. 3 ph. 60 cys; 1500 hp. e; 1500hp. b. Bab. & W; 1500 kw. stm. turb. G. E.; trans. volt. 23,000-2300 v; trolley volt. 550 v. Energy also purchased from Contract Southern Power Co.

11 sub-stas. tot. cap. 3000 kw; 2 mo gen. sets.

Power sta. & repair shops at Burlington.

Leases Piedmont Park and Casino from Piedmont Pwr. & Lt. Co.

8.3 miles; 4-8½ g; 9 motor pass. 3 trail pass. and 1 motor freight car; 1 elec. loco. ★50

CHARLOTTE. 39,823 (1916).

765 — Piedmont & Northern Ry. Co.—Gen. Office, Charlotte. (Merger of Piedmont Traction Co., operating between Charlotte and Gastonia, N.C., and the Greenville, Spartanburg & Anderson Ry. Co., operating between Spartanburg, Greenville, Anderson and Greenwood, S. C.)

Pres. Z. V. Taylor.....Charlotte
V. Prests. { J. B. Duke, 511-5th Ave., New York, N.Y.; W. S. Lee.....Charlotte
Gen. Mgr. & Pur. Agt.
E. Thomason ..... "
Sec. N. A. Cocke..... "
Audr. Bond Anderson..... "
Transp. Supts. { C. W. Crosby..Greenville, S. C.; W. L. Hogan.....Charlotte
Fgt. Claim Agt. W. T. Gill..... "
Gen. Fgt. & Pass. Agt.
J. S. Cureton.....Greenville, S. C.
Ch. Engr. S. L. Duckett.....Charlotte
Claim Agts. { J. V. Sutton..... "; L. E. Guy .....Greenville, S. C.
Supors. { D. G. Smith.. "; Roadway { H. C. Holshouser....Charlotte
Supt. Mot. Pwr.
A. D. Frye .....Greenville, S. C.

Energy purchased from Southern Pwr. Co. at 100,000 v.; 11 d. c. West. tot. 5500 kw; 3 a. c. West. tot. 250 kw. 3 ph. 60 cys.; trans. volt. 44,000 v; trolley volt. 1500 v. d. c.

Sub-stas. at Gastonia and Hoskins, N.C. and Downs, Belton, Anderson, Greenville, and Spartanburg, S. C.

Repair shops at Pinoca, N. C. and Greenville, S. C.

Reaches Mt. Holly Park (owned) and Riverside Park.

127 miles; 4-8½ g; 29 motor and 167 other cars; 16 elec. locomotives, 1 stm. car (Operates complete freight service and interchanges with all standard steam railways.) ★50

766—Southern Public Utilities Co.—Gen. Office, Mercantile Bldg., Charlotte. (Owns the electric light, gas and street railway properties in Charlotte, N. C. and Greenville, S. C., the electric light and street railway properties in Winston-Salem, N. C., the electric light, water and street railway properties in Anderson, S. C., and the electric light properties in a number of other towns in North and South Carolina. The above properties were formerly owned by the following companies, all of which have ceased to operate: Charlotte Pwr. Co., Charlotte Gas & Elec. Co., Charlotte Elec. Ry. Co., Greenville Gas & Elec. Lt. & Pwr. Co., Greenville Trac. Co., Fries Mfg. & Pwr. Co. (Winston-Salem), Winston-Salem Pwr. Co., Anderson Wtr., Lt. & Pwr. Co., Chester (S. C.) Power Co., Thornton Lt. & Pwr. Co. (Hickory, N. C.) and Southern Pwr. Co.) (System comprises a total of 59.52 miles of track. Controls the Greenville-Carolina Pwr. Co. of Greenville, S. C., through ownership of common stock.)

Pres. Z. V. Taylor.....Charlotte
V. Pres. A. V. Harrill..... "
Sec. W. C. Parker, 511 5th Ave., New York, N. Y.
Treas. E. C. Marshall.....Charlotte
In charge Elecl. Engrg.
F. W. Lachicotte, Jr..... "
In charge Civil Engrg.
S. L. Duckett..... "
Dir. of Publicity
John Paul Lucas..... "
Gen. & Local Claim Agt.
S. V. Sutton..... "
Pur. Agt. Mill Pwr. Supply Co.. "
CHARLOTTE DIV.
Local Mgr., D. G. Calder..... "
Supt. R. L. Wommack..... "
Ch. Engr. Pwr. Sta.
J. P. O. Halloran..... "
M. M., W. B. Osborne..... "
Roadmaster, S. A. Robinson.... "
Engr. Ovhd. Constr. J. C. Mullen "

Power sta. equip. 3 rot. conv. West. tot. 1750 kw; 2 a. c. G. E. tot. 1080 kw. 3 ph. 60 cys; trolley volt. 600 v. Energy also purchased from Southern Pwr. Co.

Power sta. and repair shops at Dilworth, Charlotte.

Owns and reaches Lakewood Park.

31.65 miles; 4-8½ g; 58 motor pass. and 3 other motor cars. ★50

CONCORD. 9,219 (1916).

(See No. 769.)

DURHAM. 18,241.

767—Durham Traction Co.—Office East Main St. (Controlled by the Cities Service Co., 60 Wall St., New York City.) Connects Durham, East Durham and West Durham.

Pres. F. W. Fruehauff....New York, N. Y.
V. Pres. & Gen. Mgr. R. L. Lindsey, Durham
Sec. & Treas. A. W. Grady..... "
Audr.. I. A. Lindsey..... "
Supt. J. R. Ruggles..... "
Prod. Engr. W. D. Linton..... "
Elec. Engr., W. L. Lipps..... "
Ry. Engr. Adolf Blunk..... "
Engr. Overhd. Constr.
E. C. Dameron..... "
Ch. Engr. Pwr. Sta.
W. J. Howard ..... "
M. M., J. A. Thompson..... "

Power sta. equip. 1 d. c. G. E. 200 kw; 3 a. c. G. E. West., tot. 3100 kva. 2300 v. 3 ph. 60 cys; 2200 hp. e. Erie, Ball, Ham., Cor: 1724 hp. b. Bab. & W; 2500 kw. stm. turb. West: trans. volt. 2300 v.; trolley volt. 525-575 v.; 2 rot. conv.

Power sta. at Blackwell & Vivian Sts.; repair shops at E. Main St.

Owns and reaches Lakewood Park and Durham Athletic Park.

11.55 miles (10.69 mi. 1st m. t; 0.86 mi. sid.) 4-8½ g; 21 motor pass., 2 motor service and 1 trail service car. (Company does lighting and power business.) ★50

GOLDSBORO. 10,000.

768—Goldsboro Electric Ry. Co.—Office, N. William St. (Connects Goldsboro, Webbtown and Bellevue.)

Pres. Geo. S. Dewey.....Goldsboro
V. Pres. Leslie Weil..... "
Sec. & Treas. W. E. Stroud ... "
Gen. Mgr. & Pur. Agt.
E. F. Ramey ..... "

Power sta. equip.: 2 d.c. West. tot. 150 kw; trans. volt. 2300 v.; trolley volt. 550 v.

Power sta. and repair shops at N. William St., Goldsboro.

Reaches Herman Park.

5 miles; 4-8½ g; 9 motor pass. cars.

GREENSBORO. 19,577 (1916).

769—North Carolina Public Service Co.—Office, Public Service Bldg. (Controls through stock ownership and lease, Salisbury & Spencer Ry. Co. Operates in Greensboro, Pomona, Salisbury, Spencer and East Spencer; Concord and Highpoint.)

Pres. Chas. B. Hole.....Greensboro
1st V. Pres. Wescott Roberson, High Point
2nd V. Pres. & Gen. Mgr.
R. J. Hole.... ..... "
Sec. & Treas. L. H. Hole, Jr.,
85 Cedar St., New York, N. Y.
Audr., Asst. Sec, & Asst. Treas.
J. J. Lindsey.....Greensboro
Supts. { (Ry.) W. E. Whitt.... "
(Elec.) George Spencer "
(Gas) C. Wm. Crawford "
Local Mgrs. { Henry Jennings.....High Point
J. H. Robinson.....Salisbury

Greensboro Sta. equip. 4 d. c. G. E. Northn, West. tot. 1050 kw; 1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 2050 hp. e. Allis-C, Fitch-Harris Cor.; 1200 hp. b. Atlas; trans. volt. 2200-6000 v; trolley volt. 600 v.

Salisbury Sta. equip. (reserve) 1 motor-gen. set West. 450 hp; 1 d. c. Bull. 115 kw; 2 a. c. Bull. tot. 175 kw. 3 ph. 60 cys; 525 hp. e. Harris, A. & S; 460 hp. b. Penn, Buffalo; trans. volt. 2200 v; trolley volt. 550 v.

Energy also purchased from Southern Pwr. Co.

Power stas. and repair shops at Greensboro and Salisbury.

Reaches Lindley Park and Fulton Heights Park South.

25.5 miles; 4-8½ g; 31 motor and 3 other cars. Company does general lighting (electric and gas) and power business. 50

HIGH POINT. 12,896 (1916).

(See No. 769.)

NEW BERN. 10,433 (1916).

770—New Bern-Ghent St. Ry. Co.—Office, New Bern.

Pres. F. Sitterding
900 Floyd Ave., Richmond, Va.
1st V. Pres. E. C. Armstrong...New Bern
2d V. Pres. J. W. Brown..Portsmouth, Va.
Sec., Gen. Mgr. & Pur. Agt.
C. J. McCarthy.....New Bern

Power sta. equip 1 d. c. G. E. 75 kw; 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; 100 hp. e. Ames; 150 hp. b.

Power sta. at New Bern.

Reaches park (owned).

4.5 miles; 4-8½ g; 4 motor and 2 other cars. (Company sells energy for lighting.) 50

RALEIGH. 24,418. (1920.)

771—Carolina Pwr. & Lt. Co.—Office, 5 West Hargett St. (Consol. Raleigh Elec. Co., Central Carolina Pwr. Co. and Consumers Lt. & Pwr. Co.) (Controls Asheville Pwr. & Lt. Co. Raleight Street Ry. and Yadkin River Pwr. Co.)

Pres. Chas. E. Johnson.....Raleigh
V. Prests. { D. F. McGee
71 B'way, New York, N.Y.
Wm. Darbee
71 B'way " "
Gen. Mgr. P. A. Tillery, Raleigh
Sec. E. P. Summerson
71 Broadway, New York
Treas., William Reiser. " "
Audr. C. J. Curry.....Raleigh
Fiscal Agt. Elec. Bond & Share Co.
71 Broadway, New York
Claim Agt. W. L. Currie.....Raleigh
Pur. Agt. R. C. Howison..... "
Supt. St. Ry. & M. M.
Ben. Tongue..... "
Ch. Engr., A. W. Thompson.....Raleigh
Supt. Ovhd. Constr.
D. R. McDuffee..... "
Ch. Engr. Pwr. Sta. F. P. Ernst. "

Power sta. equip. 6 a. c. G. E. tot. 6250 kw. 2300 v. 3 ph. 60 cys; 2204 hp. b. Stir, Bab. & W; 3750 kw. stm. turb. G. E; 3350 hp. wtr. turb. Smith; trans. volt. 60,000 v; trolley volt. 550 v.

1 sub sta. cap. 750 kw; 2 mo. gen. sets.

Steam sta. at Raleigh; hydro-elec. sta. at Buckhorn Falls near Corinth: repair shops at Raleigh.

Reaches Bloomsbury Park (owned).

13.59 miles (11.45 mi. 1st. m. t; 2.14 mi. 2nd m. t.) 4-8½ g; 44 motor pass., 6 trail pass. and 1 service car. (Company does general lighting, power and gas business.) ★60

772—Cumberland Ry. & Pwr. Co.—Office, 219 Pullen Bldg., Raleigh. (Connects Fayetteville, Cape Fear River and Camp Bragg.)

Pres. H. L. Jones
36 Haddington Bldg., Norfolk, Va.
Gen. Mgr. W. L. Jones.....Raleigh
(Under construction). 129

SALISBURY. 7,153

(See No. 769.)

SPENCER. 3,000.

(See No. 769.)

WILMINGTON. 33,000.

773—Tidewater Pwr. Co.—Office, 217-223 Princess St. (The Consolidated Rys. Lt. & Pwr. Co., formerly operated under lease, was merged. Connects Wilmington, Winter Park, Wrightsville and Wrightsville Beach.)

Pres. Hugh MacRae.....Wilmington
V. Prests. { C. Van Leuven..... "
H. C. McQueen..... "
Sec. & Treas. Thos. B. Willard, "
Gen. Mgr. Raymond Hunt.... "
Supt. Trans. T. J. Baird..... "
Claim Agt. W. B. Savage..... "
Pur. Agt. A. E. Townsend.... "
Engr. Pwr. Sta. R. MacRae... "
Elec. Engr. E. E. Kilburn.... "
Roadmaster, J. T. Dooley.... "
M. M., Wm. Ammenhauser... "

Power sta. equip. 5 a. c. turbo-gen. West. tot. 6300 kw. 2500 v. 2 ph. 60 cys; 3304 hp. b. Bab. & W.; trans. 10,000 v; trolley volt. 575 v.

2 sub stas tot. cap. 1200 kw; 3 rot. conv.

Power sta. at Castle St; repair shops at 9th & Grange Sts.

Reaches and owns "Lumina" at Wrightsville Beach.

35 miles; 4-8½ g; 36 motor pass., 4 trail pass. 2 frt. motor, 4 frt. without motors and 2 other cars: 1 elec. loco.

(Company does general lighting and power business). 50

WINSTON-SALEM. 48,395.

774—Southern Public Utilities Co. (Winston-Salem Branch) — For general officers, see Charlotte.

Mgr. B. J. Pfohl.....Winston-Salem
Gen. Supt. J. J. Sigg..... "
Claim Agt. H. M. Brandon "

Power sta. equip. 2 d. c. West. tot. 1000 kw; 7 a. c. Allis-C, West. tot. 2550 kw. 2400 v. 3 ph. 60 cys; 700 hp. b. A. & T; 750 kw. turb. (stm.) West; 1800 hp. turb. (wtr.) Allis-C; trans. volt. 13,200 v; trolley volt. 550 v.

3 sub. stas.

Pwr. sta. (wtr.) on Yadkin River, 13.5 miles from Winston-Salem; steam sta. and repair shops at Winston-Salem.

Reaches and owns Nissen Park.

12.63 miles (9.11 mi. 1st m. t., 3.52 mi. sid.); 4-8½ g; 40 motor pass. and 4 motor freight cars. ★70

NORTH DAKOTA.

BISMARCK. 6,344 (1915).

775—Capitol Car Line.—Gen. Office, Board of Administration, Capitol Bldg. Bismarck. (Owned by State of North Dakota. Controlled by Board of Administration.) (Extends from McKenzie Hotel, along Main St., up Fourth St., to Capitol.)
Exec. Sec. Bd. of Administration Charles Liessman.....Bismarck
Ch. Engr. Pwr. Sta. & M. M. A. P. Aune..... "
Power sta. equip.: 2 d. c. Ide tot. 500 kw: to 250 hp. e. Ide: 140 hp. b. Heiney; trans. volt. 450 v.
Power sta. at Capitol Grounds.
Reaches Capitol Park.
1.5 miles: 4-8½ g; 1 motor pass. car. (Energy furnished for lighting and heating Capitol Bldg.) 129

FARGO. 20,750 (1916.)

777—Northern States Power Co. (Fargo & Moorhead Div.)—Office, Fargo. (Connects Fargo, N. D. and Moorhead and Dilworth, Minn.) (Controlled by Northern States Power Co. of Delaware, and operated by H. M. Byllesby & Co., Chicago, Ill.)
Mgr. M. L. Hibbard.....Fargo
Gen. Supt. & Pur. Agt.. C. P. Brown.. "
Energy purchased from Union Light, Heat & Power Co.; trolley volt. 550 v.
Repair shops at Fargo.
15.584 miles: 4-8½ g; 21 motor pass., 17 trail pass., 2 fgt. without motors and 3 service cars. 50

GRAND FORKS. 13,554.

777a—Grand Forks St. Ry. Co.—Office, 215 So. 3d St. (Connects Grand Forks, N. D., and E. Grand Forks, Minn.)
Pres. T. J. Smith.....Grand Forks
V. Pres. Jas. Dinnie..... "
Sec. O. A. Webster..... "
Treas., A. I. Hunter..... "
Audr., E. O. Odegard..... "
Supt. & Gen. Mgr. W. L. Hawkes, "
M. M. & Engr. Ovhd. Constr. H. Preston..... "
Energy purchased from Red River Power Co.
Repair shops at North Fifth St.
8.5 miles; (8 mi. 1st m. t.; 5 mi. std.); 4-8½ g; 12 motor pass. 7 trail pass. and 2 motor service cars. ★50

VALLEY CITY. 4,606.

778—Valley City St. & Interurban Ry. Co.—Office, Valley City. (Connects Valley City with Soo R. R. at North Valley City.)
Pres. Chas. F. Mudgeth.....Valley City
V. Pres. & Gen. Mgr. E. H. Briggs..... "
Sec. Geo. W. Bowen..... "
Treas. John Tracey..... "
Power sta. and repair shops at Fifth Ave., Valley City.
1½ miles; 4-8½ g; 3 motor cars. (Company handles freight.) 50

WAHPETON. 2,814.

(See No. 502.)

OHIO.

AKRON. 140,000. (191

779—The Northern Ohio Traction & Lt. Co.—Office, 206 Terminal Bldg. (Controls Canton-Akron Consol. Ry. Co., which was formed by consolidation of the Canton-Akron Ry. Co., Canton-New Philadelphia Ry. Co. and The Tuscarawas Trac. Co.; also owns entire capital stock of Akron, Wadsworth & Western Trac. Co.) (Connects Cleveland, Akron, Canton, Massillon, Wadsworth, Barberton, Kent, Ravenna, New Philadelphia and Uhrichsville.)
Pres. B. C. Cobb, 14 Wall St., New York, N. Y.
V. Prests. { T. A. Kenney..... " " ; Gen. Mgr. A. C. Blinn..... ..Akron
Sec. Chas. H. Lahr..... "
Asst. Secs. & Asst. Treasrs. { G. H. Bourur, 14 Wall St., New York, N.Y. ; S. E. Wolff, " "
Gen. Audr. H. G. Kessler, " "
Compt., G. B. Dobbin.....Akron
Treas. James Sweeney..... "
Gen. Supt. Ry. Dept., D. A. Scanlon "
Gen. Supt. Production & Distr. Dept. L. G. Tighe..... "
Traffic Mgr. Chas. A. Laney..... "
Claim Agt. E. C. Carpenter..... "
Pur. Agt. L. G. Smith..... "
Engr. M. of W., E. D. Eckroad..... "
Supt. Shops, P. V. C. See..... "
Park Mgr. C. Y. Riddle.....Canton
Power sta. equip. 5 a. c. turbo-gen. West. tot. 67,000 kw. 60 cys; 2300 & 13,200 v. 3 ph. 60 cys; 15,600 hp. b. Bab. & W, Bad; 67,000 kw. stm. turb. West. 2750 hp. (wtr.) turb. Trump; trans. volt. 22,000 v; trolley volt. 600 v.
19 sub-sta. (2 with auto. control) tot. cap. 25,000 kw; 28 rot. conv; 4 mo. gen. sets.
Power sta. at The Gorge, Akron; repair shops at Kenmore, Canton and Silver Lake Jct.
Reaches Springfield Lake (leased), Meyers Lake (owned), Summit Lake (leased) and Brady Lake.
249.59 miles; 4-8½ g; 344 motor pass., 25 trail pass., 1 private, 12 exp. motor, 4 fgt. without motors, 39 service and 2 portable sub. cars; 1 elec. loco. (Company does general lighting and power business.) ★60

ALLIANCE. 18,960 (1916).

(See also No. 835a).

781—Stark Elec. R. R. Co.—Office, Alliance. (Connects Canton, Louisville, Maxime, Alliance, Sebring, Beloit, Garfield, Damascus and Salem.)
Pres. Claus Greeves.....Cleveland
Treas. S. A. Sturgeon.....Alliance
Sec. E. S. Cook.....Cleveland
Audr. O. K. Ayres.....Alliance
Gen. Mgr. Fgt. & Pur. Agt. F. L. Mowry..... "
Supt. John Spencer,..... "
Claim Agt. E. B. Webb..... "
Ch. Engr. Pwr. Sta. Jno. M. Yost... "
M. M. R. D. Miller..... "
Engr. M. of W., Jno. Weber..... "
Engr. Ovhd. Constr., H. Skelly.. "
Pwr. sta. equip. 2 a. c. turbo gen. West. tot. 2200 kw. 440 v. 3 ph. 25 cys; 2400 hp. b. Stir; 2200 kw. turb. (stm.) West. trans. volt. 23,000 v; trolley volt. 600 v.
2 sub-stas: 7 rot. conv.
Power sta. and repair shops at Lake Park; sub-stas. at Louisville and Damascus.
Owns and controls Lake Park, near Alliance.
36.4 miles; 4-8½ g; 21 motor pass., 2 fgt. motor and 3 service cars. High-speed pass. and fgt. service. (Company furnishes energy for lighting Sebring; also sells energy to railways.) ★50

ASHTABULA. 21,498 (1916).

782—Ashtabula & Lake Shore Ry.—(Holds lease on Park track of the New York Central R. R. (Connects

Ashtabula Harbor and Woodland Park.
Pres. L. A. Robison.....Cleveland
Audr. J. H. Shaw.....Ashtabula
1 mile; 4-8½ g; 2 cars. 119

783—Ashtabula Rapid Transit Co. —Office, 6 Nat. Bk. Bldg. Reported that City purchased property; City Mgr., M. H. Turner—12-20-19.
Pres & Treas. L. A. Robison..Cleveland
V. Pres. A. R. Raymer.. Pittsburgh, Pa.
Audr. & Pur. Agt., J. H. Shaw, Ashtabula
Supt. R. L. Hughes..... "
M. M., J. O'Brien..... "
Park Mgr. J. C. Hurd..... "
Barn Fmn. James Morgan.....Conneaut
Shares in power plant of Penn. & Ohio Trac. Co.
Repair shops at So. Main St. & Tyler Ave.
5.5 miles; 4-8½ g; 9 motor and 1 line car; 1 sweeper. 119

784—Pennsylvania & Ohio Traction Co. The (Formerly Pennsylvania & Ohio Ry. Co.)—Office, 15 Spring St. (Controls Ashtabula & Lake Shore Ry.) (Connects Conneaut, Amboy, Ashtabula, Kingsville and Jefferson.)
Pres. Thomas McGovern.....Cleveland
Sec. & Treas., Fred E. Thorpe "
Audr. Stanley Sneary..... "
Gen. Mgr. Palmer Wardman..Ashtabula
Ch. Engr. Pwr. Sta.
Harry Prettyman..... "
Park Mgr. J. C. Hurd..... "
Power sta. equip; 2 a. c. West. tot. 750 kva. 400 v. 3 ph. 25 cys; 1000 hp. e. Cpr.; 1250 hp. b. B. & W; trans. volt. 13,200 v; trolley volt. 650 v.
1 sub-sta. 200 kw.; 3 rot. conv.
Power sta. at State Road, Ashtabula; repair shops at State Road, Conneaut.
Reaches Lake View Park, Conneaut.
26 miles; 4-8½ g. 11 motor and 2 other cars. 129†

BOWLING GREEN. 5,222.

(See No. 819.)

BUCYRUS. 9,103.

(See No. 828.)

CAMBRIDGE. 13,483 (1916).

785 — Ohio Service Co., (Cambridge Div.) — For executive officers, see Coshocton. (Connects Cambridge, Byesville, Derwent and Pleasant City.)
Dist. Supt. L. H. Slocumb ....Cambridge
Power sta. equip. 1 d. c. Wood., 250 kw; 2 a. c. G. E. tot. 800 kva. 2300 v. 3 ph. 60 cys; 1040 hp. e. Rns; trans. volt. 33,000 v; trolley volt. 600 v. Power plant held in reserve.
1 sub-sta. cap. 1200 kva; 1 mo. gen. set 300 kw. Substa. run from trans. system.
Pwr. Sta. at West Cambridge.
Repair shops and substa. at South Cambridge.
Reaches Oakland Park.
13.38 miles; 4.8½g; 4 interurban motor pass. and 4 city motor pass. cars; 1 fgt. motor car. 50

CANTON. 50,217.

(See No. 779.)

CHILLICOTHE. 15,470 (1916).

(See also No. 805.)

786—The Chillicothe Elec. R. R., Lt. & Pwr. Co.—Office, 20 W. Second St., Chillicothe. (Controlled by the Ohio & Western Utilities Co. and operated by National Utilities Co., New York, N.Y.)
Pres. & Gen. Mgr.,
Geo. A. Vaughters.....Chillicothe
V. Pres. & Cl. Agt.
John P. Phillips.....Chillicothe
Sec. & Treas. J. C. Martin.....Columbus
Ass't Treas., Pur. Agt. & Asst. Mgr.
F. K. Sexauer.....Chillicothe
Ch.Engr.Pwr.Sta., Frank Childs "
M. M., Roy Seuff..... "
Roadmaster, Jno. Byers..... "
Power sta. equip. 2 a.c. G. E. tot. 700 kva. 3 ph. 125 cys; 1000 hp. e. Ham, Cor; 1000 hp. b. Erie; trans. volt. 3300 v; trolley volt. 600 v., 1 rot. conv.
Power sta. at Yoctangee Park & Canal (No P. O.); repair shop at Chillicothe.
4.5 miles; 4-8½ g. (Company does general light and power business.) 59

786a—Hillsboro-Cynthiana-Bainbridge-Chillicothe Traction Co. —Chamber of Commerce. (Connects Cincinnati, Hillsboro, Chillicothe and Columbus.)
Pres. J. W. Watts.....Hillsboro
V. Pres. & Gen. Mgr. N. J. McGuire
1001 Law Bldg., Indianapolis, Ind.
Sec. R. R. Faulkner... " "
Treas. J. C. Anderson.....Chillicothe
Ch. Engr. C. C. Clarke.....Hillsboro
42 miles. 59

CINCINNATI. 410,476 (1916)

(See also Nos. 349 and 821)

788 — Cincinnati, Georgetown & Portsmouth R. R. Co.—Office, Carrel St. (Operated principally by steam, but some passenger cars doing a local business are operated by electricity.) (Connects Cincinnati, Batavia, Bethel, Georgetown and Russellville.)
Pres. & Treas. H. A. Haigh....Cincinnati
V. Pres. W. J. Thompson..... "
Sec. A. L. C. Henry..... "
Audr. J. P. Moran..... "
Gen. Mgr. & Pur. Agt.
A. H. Elfner..... "
Supt. Transpt., Equip. & M. M.
L. E. Woster..... "
Gen. Fgt. & Pass. Agt.
R. E. Haveman ..... "
Elec. Engr. & Engr. M. of W.
E. J. Jonas..... "
Ch. Engr. Pwr. Sta.
W. Grissel .....Olive Branch
Pwr. sta. equip. 2 a. c. West. Elec. Mch. tot. 1200 kw. 3 ph. 25 cys; 1600 hp. e. H. O. & R :1800 hp. b. A. & T; trans. volt. 16,500 v; trolley volt. 600 v. d. c.
Power sta. at Lake Allyn; repair shops at Carrel St.
Reaches Lake Allyn (owned).
57 miles; 4-8½ g; 20 motor pass. and 12 other cars. (Company does general lighting and power business.) 50

789—Cincinnati, Lawrenceburg & Aurora Elec. St. R. R. Co.—Office, Andersons Ferry, Cincinnati. (Connects Delhi, Home City, Addyston, North Bend, Cleves, Harrison, Lawrenceburg and Aurora.)
Receivers } C. E. Hooven.....Cincinnati
} Edgar Stark..... "
Pres. Stanley Shaffer..... "
Sec. Don Hooven..... "
Gen. Mgr., Audr. & Pur. Agt.
E. M. Gumpf..... "
M. M. George Jekel.....North Bend
Energy purchased from Union Gas & Elec. Co.
2 sub. stas. tot. cap. 400 kw; 2 rot.conv.
Repair shops at North Bend, O.
31.89 miles; 4-8½g; 10 motor pass. cars, 20 dump and 2 flat cars. ★79

790 — The Cincinnati, Milford & Blanchester Traction Co.—General offices, 508 Sycamore St., Cincinnati. (Owns Cincinnati, Milford & Goshen

Trac. Co., and Cincinnati., Milford & Eastern Trac. Co., proposed lines.) (Connects Cincinnati, Madisonville, Plainville, Indian Hill, Newtown, Terrace Park, Milford, Mulberry, Goshen Sta., Newtonville, Edenton, Woodville and Blanchester.)

Pres. & Gen. Mgr.
J. P. Peurrung.....Cincinnati
Sec. & Audr., J. P. Tischendorf "
Treas. W. H. Albers..... "
Gen. Supt. Jas. Montgomery. Madisonville
Engr. Pwr. Sta. —— —— .....Milford
M. M., Richard Hayes.....Madisonville

Power sta. equip. 2 a. c. Bull. tot. 500 kw. 3 ph. 25 cys; 1500 hp. e. Allis-C; 800 hp. b. Stir; trans. volt. 16,500 v. trolley volt. 650 v.

3 sub-stas. tot. cap. 1150 kw; 3 rot. conv., (2-400 kw. Bullock and 1-300 kw. West.)

Power sta. at Milford; repair shops at Madisonville.

Reaches Woodland and Bamford Hills Parks.

37 miles; 5-2½ g; 10 pass., 3 fgt., 2 work, 2 flat and 4 dump cars. (Company furnishes energy for lighting.) 119

791—The Cincinnati Traction Co.—Offices, Traction Bldg. (Operates Cincinnati St. Ry. Owned by The Ohio Trac. Co.)

Pres. W. Kelsey Schoepf.....Cincinnati
V. Prests. { Dana Stevens..... "
{ Walter A. Draper.. "
Exec. Ass't., H. L. Sanders... "
Sec. D. J. Downing..... "
Treas. W. H. MacAlister..... "
Asst. Treas. F. L. Haller..... "
Audr. E. J. Boos..... "
Asst. Audr. B. F. Reiley..... "
Gen. Mgr. A. Benham..... "
Supt. Transp. A. J. Ostendorf.. "
Consit. Engr. Thos. Elliott.... "
Claim Agt. Walter E. Robinson "
Asst. Pur. Agt. A. L. Fischer.. "
Ch. Engr. Wm. Mittendorf.... "
Engr. Roadway, E. H. Berry.. "
Engr. Ovhd. Constr.
F. J. Venning..... "
Supt. Shops, J. J. Schweitzer. "

Power sta. equip. 35 d. c. West, G. E. tot. 29,100 kw; 1 rot. conv. 500 kw. West; 40,111 hp. e. McI. & S, Prov; 20,475 hp. b. Bab. & W, A. & T; 18,000 kw. turb. (stm.) West; trans. volt. 6600 v; trolley volt. 575 v.

Five power stations as follows: Pendleton generating station at Eastern Ave., Cincinnati; Hunt St. generating station at Hunt & McMillan Sts. Cincinnati; Depot St. generating station at Depot St. near 8th St., Cincinnati; Cumminsville generating station at Knowlton St. near C. H. & D. R. R., Cumminsville, Cincinnati; Winton Place generating station at Winton Place.

Repair shops at Chester Park and at Winton Place.

Owns Chester Park, which is leased to Isaac M. Martin; reaches Zoo Garden.

227.99 miles; 5-2½ g; 1,287 motor and 146 misc. cars; 60 trailers. 69

792—Indiana, Columbus & Eastern Trac. Co.—(Leased to The Ohio Elec. Ry. Co., which see for details of roads owned and leased.)

Pres. Dana Stevens.....Springfield
V. Pres. J. H. Sundmaker..... "
Sec. & Treas. F. A. Healy..... "
Asst. Sec. & Asst. Treas.
J. M. Pogue..... "
398.2 miles; 4-8½ g. 60

793—Interurban Ry. & Terminal Co.—Office, 1112 Second National Bank Bldg., Cincinnati. (Owns and operates the Cincinnati & Eastern Elec. Ry. Co., the Rapid Ry. Co. and the Interurban Terminal Co.) (Connects Cincinnati, New Richmond, Mason, Kings Mills and Lebanon.)

Recr., Chas. M. Leslie,
805 Sec. Nat. Bk. Bldg., Cincinnati
Pres. Geo. H. Worthington.....Cleveland
V. Pres. J. M. Hutton..... "
Sec., Treas., Supt., Pur. & Claim Agt.,
J. F. Egolf.....Cincinnati
Audr. C. W. Peck..... "
Gen. Fgt. & Pass. Agt.,
A. E. Schmeiser..... "
Ch. Engr. Pwr. Sta. F. H. Woods "
M. M. F. H. Brueggemann.... "
Roadmaster, Joe Holt..... "
Engr. Ovhd. Constr. Fred Teitmeir, "

CONEY ISLAND STA. EQUIP.—2 d.c. West. tot. 800 kw; 2 a. c. West. tot. 1000 kw. 3 ph. 25 cys; 3157 hp. e. Bckye; 2100 hp. b. A. & T; trans. volt. 11,000 v; trolley volt. 650 v.

4 sub-stas. tot. cap. 2300 kw; 7 rot. conv.

Power sta. at Coney Island; repair shops at Deer Park.

Reaches Coney Island, Highland Grove (owned by individual members of company) and Beechwood Park, Silverton.

62 miles; 5-2½ g; 35 motor and 15 other cars. 50

794 — The Ohio Traction Co.—(Millcreek Valley Division.) Office, Traction Bldg. (Operates under lease The Cincinnati & Hamilton Trac. Co. which extends through St. Bernard, Elmwood, Carthage, Hartwell, Lockland, Glendale, Wyoming and Hamilton.) (Owns Cincinnati Trac. Co. and Cincinnati Car Co.)

Pres. W. Kelsey Schoepf.....Cincinnati
1st V. Pres. Chas. P. Taft..... "
2d V. Pres. Dana Stevens..... "
3d V. Pres. & Sec.
Walter A. Draper..... "
Exec. Asst., H. L. Sanders..... "
Asst. Sec. D. J. Downing..... "
Treas. W. H. MacAlister..... "
Asst. Treas. F. L. Haller..... "
Audr., E. J. Boos..... "
Asst. Audr. B. F. Reiley..... "
Gen. Mgr. A. Benham..... "
Consit. Engr. Thos. Elliott.... "
Supt. Transp. A. J. Ostendorf.. "
Claim Agt. Walter E. Robinson "
Asst. Pur. Agt. A. L. Fischer.. "
Ch. Engr. Wm. Mittendorf..... "
Engr. of Roadways, E. H. Berry "
Engr. Ovhd. Constr., F. J. Venning, "

Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 1600 hp. e. McI. & S; 1350 hp. b. A. & T; trans. volt. 6600 v; trolley volt. 575 v.

Power sta. at Hartwell; repair shops at Chester Park, Winton Place.

Reaches Zoological Gardens.

36.23 miles; 5-2½ g; 32 motor and 5 other cars. 60

CLEVELAND. 674,073 (1916).

(See also No. 779.)

795 — The Cleveland & Chagrin Falls Ry. Co.—Office, 708 Belmont Bldg. (Successor to Cleveland, Youngstown & Eastern Ry. Co.) (Connects Cleveland and Chagrin Falls.)

Pres. H. P. McIntosh.....Cleveland
V. Pres. Horatio Ford..... "
Sec. & Treas. C. A. Taylor..... "
Audr. J. E. Lowery ..... "
Gen. Mgr. Robt. D. Beatty..... "
Supt. L. C. Hageman.....Chagrin Falls

Energy purchased from Cleveland and Eastern Trac. Co.

Sub-sta. at Stop 28; car barns at Chagrin Falls.

12 miles; 4-8½ g; 11 motor, 2 freight and 2 other cars. 50

796—Cleveland & Eastern Trac. Co.—Office, 708 Belmont Bldg., Cleveland. (Has taken over the Cleveland &

Eastern Div. of the Eastern Ohio Trac. Co.) (Connects Cleveland, Chardon, Burton and Middlefield.)
Pres. H. P. McIntosh.....Cleveland
V Pres. Horatio Ford..... "
Sec. & Gen. Mgr. Robt. D. Beatty "
Treas. C. A. Taylor..... "
Audr. J. E. Lowery.....
Supt. H. A. Emery.....Gates Mills
Elec. Engr. W. E. Wilson.... " "
M. M., Frank Smith..... " "
Energy purchased from Cleveland Illuminating Co.
Sub-stas. at Stops 7 and 19 and at C. & E. Jct; also 1 portable sub-sta.
Repair shops at Gates Mills.
40 miles; 4-8½ g; 16 motor, 2 freight and 3 other cars. 50

797—The Cleveland Ry. Co.—Office, Leader Bldg. (Formerly the Cleveland Elec. Ry. Co.)
Pres. John J. Stanley.....Cleveland
V. Prests. { Gen. Mgr. Geo. L. Radcliffe " ; Col. J. H. Alexander " ; R. A. Harman.....
Sec. to Pres. Paul E. Wilson... "
Sec. & Treas. Henry J. Davies.. "
Audr. Thos. P. Kilfoyle..... "
Gen. Supt. A. E. Duty..... "
Asst. Supt. Ralph W. Emerson "
Pur. Agt. Chas. H. Stanley.... "
Claim Agt. Wm. F. Weh. ..... "
Elec. Engr. & Engr. Ovhd. Constr. L. P. Crecelius..... "
Engr. Sub-stas. L. D Bale..... "
Ch. Elecn. M. W. Brigham.... "
Engr. M. of W., C. H. Clark.. .. "
M. M., Terence Scullin.. ..... "
Power sta. equip. 7 d. c. G. E, West, tot. 9,600 kw; 14,400 hp. e. Allis-C, Cpr; 7.792 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 600 v; energy also purchased from Cleveland Elec. Illg. Co.
5 sub-stas. tot. cap. 33.500 kw; 23 rot. conv.
Power sta. at Washington & Sycamore Aves.; repair shops at Harvard Ave. and 49th St.
360 miles (including track in yards and buildings); 4-8½ g; 1047 motor pass., 416 trail pass. and 173 work cars; 13 elec. yard locos. 109†

798—The Cleveland, Southwestern & Columbus Ry. Co.—Office, 525 Garfield Bldg. (Connects Cleveland, Berea, Medina, Seville, Creston, Wooster, Le Roy, Lodi, W. Salem, Ashland, Mansfield, Crestline, Galion, Bucyrus, Elyria, Oberlin, Lorain, Amherst, Grafton, Berlin Heights and Norwalk.)
Pres. F. E. Myers.....Ashland
1st V. Pres. L. J. Wolf.....Cleveland
2nd V. Pres. F. T. Pomeroy.... "
Sec. & Treas. J. O. Wilson.... "
Gen. Mgr. & Pur. Agt. E. F. Schneider..... "
Audr. M. E. McGraw..... "
Claim Agt. C. E. McKisson.... "
Supt Western Div. J. A. Nester...Elyria
Supt. So. Div., W. B. Demaline,..Kamms
Supt. (Seville-Bucyrus Div.) F. M. Yeingst.....Mansfield
Supt. Pwr. & Shops, George H. Kelsay,.....Elyria
Traffic Mgr. C. C. Collins.....Cleveland
Power sta. equip. 2 d. c. West. tot. 1000 kw; 3500 hp. e.; 4000 hp. b. Stir, Heine; 8000 hp. (stm.) turb. West, Allis-C, G.E; trans. volt. 22,000 v; trolley volt. 625 v.
Power sta. and repair shops at Elyria.
Reaches Puritas Springs and Chippewa Lake and owns Seccaium Park.
225 miles; 4-8½ g; 60 motor and 17 other cars. (Company does general lighting and power business.) ★50

799—Lake Shore Elec. Ry. Co.—Executive office, Electric Bldg., Cleveland; general office, Sandusky. (Controls the Lorain St. R. R. Co., and Sandusky, Fremont & Southern Ry. Co.) (Connects Cleveland and Toledo and intermediate cities and towns.)
Pres. E. W. Moore.....Cleveland
V. Prests. { F. H. Goff..... " ; A. Lewenthal..... " ; Gen. Mgr. & Pur. Agt. F. W. Coen.....Sandusky
Audr. A. C. Henry..... "
Gen. Supt. L. K. Burge..... "
Supt. M. Pwr. F. Heckler.....Fremont
Engr. M. of W., A. V. Brown..Sandusky
Claim Agt. H. Rimelspach.....Fremont
Gen. Pass. Agt. J. F. Starkey..Sandusky
Roadmaster, Roy Bragdon..... "
Power sta. equip. 4 a. c. G. E, West. tot. 3900 kw. 3 ph. 25 cys; 4250 hp. b. Stir, Bab. & W; 2000 kw. (stm.) turb. West; trans. volt. 18,000 v; trolley volt. 600 v. Energy purchased from The Ohio State Power Co., Fremont, for operation of system from a point some 25 miles east of Fremont to Toledo.
Power sta. at Beach Park; repair shops at Fremont, Beach Park and Sandusky.
Reaches Beach Park (owned), Crystal Beach, Linwood Park, Ruggles' Grove, Rye Beach and Cedar Point.
173 miles: 4-8½ g; 77 motor and 57 other cars. (Company sells energy to railway companies.) 79†

COLUMBUS. 214,878 (1916).

800—Columbus, Delaware & Marion Elec. Co.—Office, Marion. (Successor to Columbus, Delaware & Marion Ry. Co.) (Connects Columbus, Worthington, Delaware, Prospect, Radnor and Marion; also owns and operates city ry. service in Marion and Delaware.)
Pres. Eli. M. West.....Columbus
1st V. Pres. & Gen. Mgr. A. F. Van Deinse..... .....Marion
2nd V. Pres. J. J. Jennings....Columbus
Sec., Treas. & Audr. W. H. Davidson.....Marion
Gen. Coun. Earl H. Turner.....Dayton
Supt. C. C. Moyer.....Delaware
Trainmaster E. C. Mackan..... "
Supt. Mot. Pwr. A. F. Rolston.. .. "
Supt. Overhead, Perl Lowry.... "
Supt. Marion Ltg. Dept. L. C. Stang..... Marion
Power sta. equip. (Stratford plant) 2 a. c. G. E. tot. 2800 kw. 3 ph. 25 cys; 2000 hp. b. Heine; 2800 kw. stm. turb. G. E; trans. volt. 19,500 v; trolley volt. 600 v.
Power sta. equip. (Marion plant) 2 a. c. G. E. tot. 1750 kw. 2300 v. 60 cys; 1400 hp. b. Heine; 1750 kw. stm. turb. G. E.
4 sub-stas. tot. cap. 2100 kw; 7 rot. conv.
Power sta. and repair shops at Stratford (Address, Delaware, O.)
Owns Glenmary Park. Reaches Olentangy Park, North Columbus.
60 miles; 4-8½ g; 12 interurban pass. 5 freight and express, 5 motor service, 16 non-motor service, and 23 city cars. (Company furnishes energy to Prospect Elec. Ltg. & Pwr. Co. and Columbus, Marion & Bucyrus R. R. Co., and does lighting in Marion.) 80

801—Columbus, New Albany & Johnstown Trac. Co.—Office, 223 E. Long Street. (Connects Columbus, E. Columbus and Gahanna.)
Pres. H. M. Beazell.....Cincinnati
V. Pres. Leo J. Van Lahr..... "
Sec. & Treas. Julius A. Reif.... "
Audr. Harry A. Snyder.....Columbus
Gen. Mgr. & Pur. Agt. L. P. Stephens..... "
M. M. Robert Whisner'..... "
Energy purchased from Columbus Ry. Pwr. & Lt. Co.
Repair shops at E. Columbus.
8.8 miles: 5-2 g; 5 motor pass., 1 frt. motor and 1 service car. ★60

803—Columbus Ry., Pwr. & Lt. Co.—Office, 104 N. Third St. (Inc. to succeed by change of name Columbus Traction Co. and to take over the properties leased to Columbus Railway & Light Co. Has acquired all property, etc., of Columbus Traction Co. (successor to Central Market Street Railway), Columbus Railway Co., and Columbus Edison Co., the existing leases between the two latter companies and the Columbus Railway & Light Co., being cancelled. In Jan. 1915 property of Columbus Light, Heat & Power Co. was acquired. (Connects Columbus and Westerville, Columbus and Marble Cliff and Columbus and Linden.)

Pres.. Charles L. Kurtz.....Columbus
V. Prests. { Emil Kiesewetter.. "
Treas., Norman McD. Crawford..... "
Sec. & Audr. P. V. Burington... "
Asst. Sec. & Asst. Audr. H. M. Burington..... "
2nd Asst. Audr. Syle Babbitt... "
Gen. Supt., C. C. Slater..... "
Supt. Transp., Geo R. Whisner. "
Asst. Supt. Transp., C. E. Lacey "
Claim Agt. Chas. B Prugh..... "
Pur. Agt., M. L. Evans..... "
Elec. Engr., R. J. Feather..... "
Ch. Engr. Pwr. Sta. E.R. Andrix "
M. M., Chas. E. Hott..... "
Engr. M.of W., E. O. Ackerman.. "
Supt. of Lines B. L Chase.... "

Power sta. equip. 8 a. c. turb. Allis C., West., G. E. tot. 43 500 kw: 7460 hp. e. Am. Br. Co., Cpr., McI. & S; 17,613 hp. b. Bab. & W; trans. volt. 13,200-39,400 v; trolley volt. 600 v.

9 sub stas. (1 with auto. cont.) tot. cap. 4740 kw; 5 rot. conv. tot. 2400 kw.; 14 mot. gen. sets, tot. 8340 kw.

Principal power stas; Spring St. at Spring & Cozzens Sts.; Gay St. at Gay & 3rd Sts.; at Mound & 17th Sts.; and Walnut Sta located 10 miles southeast of Columbus.

Repair shops at Kelton Ave., & Oak St.

Reaches Olentangy Park & Indianola Park.

135.129 miles; 5-2 g. and 4-8½ g; 348 motor pass. and 56 other cars. (Co. does general power and lighting business in Columbus and surrounding territory; and considerable hot water heating.) ★50

803—The Columbus, Urbana & Western Elec. Ry. Co.—Office, 100 W. Gay St. (Connects Columbus, Marble Cliff and Fishingers.)

Pres Scott A. Webb..... ....Columbus
Sec. Harry E. Stafford..... "
Treas. Eli M. West..... "
Audr. Harry A. Snyder..... "
Gen. Mgr. & Pur. Agt. L. P. Stephens..... "

Energy purchased from The Columbus Ry., Pwr. & Lt. Co.

Repair shops at 500 W. Spring St.

Reaches park at Fishingers Bridge, north of Storage Dam.

10 miles; 4-8½ g; 4 motor and 8 other cars. 50

804—The Ohio & Southern Trac. Co.—Office, 115 E. Rich St. (Connects Shadesville and Hartman Stock Farm with Columbus.)

Pres. & Treas., Earl S. Davis..Columbus
V. Pres. & Asst. Treas. J. N. Spetnagel..... "
Sec. J. M. Buttler, 8 E. Broad St.. "
Audr. Sam'l Matthews..... "
Gen. Mgr. Clark Miller, R. F. D. No. 1., Lockbourne
Cons. Engr. E. C. Schwab..... "

Energy purchased from Columbus Ry., Lt. & Pwr. Co.

Repair shops at Hartman Farm.

8.61 mi. (6.85 mi. 1st m. t., 1.76 mi. std.); 3 motor pass., 1 trail freight and 2 trail service cars. ★70

805—Scioto Valley Trac. Co.—Office, Third and Rich Sts. (Connects Columbus and Lancaster, Columbus and Chillicothe and intermediate points.)

Pres. & Gen. Mgr. Frank A. Davis.....Columbus
V. Pres. & Treas. E. R. Sharp. "
Sec. & Pur. Agt. A. C. Moorhaus "
Audr. F. K. Young..... "
Supt. C. Skinner..... "
Claim Agt. & Gen. Fgt. & Pass. Agt. J. O. Bradfield..... "
Ch. Engr. Gregg D. Wolfe..... "
Elec. Engr. & Ch. Engr. Pwr. Sta. L. R. Pope..... "
M. M., G. A. Stiles..... "
Roadmaster, G. E. Wagner..... "

Power sta. equip. 3 a. c. Allis-C., G. E. tot. 6000 kva. 375-2300 v; 3 ph. 25 cys. 3000 hp. e. Ham. Cor.; 2300 hp. b. McNaull, Frank; 4000 kw. turb. (steam) G E.; trans. volt. 27,000 v; trolley volt. 600-625 v.

7 sub-stas. tot. cap. 4000 kw.; 8 rot. conv.,

Power sta. and repair shops at Rees Station.

Reaches Columbia Park.

78 miles (3d rail): 4-8½ g; 13 motor pass., 5 trail pass., 4 fgt. motor., 17 fgt. without motors and 12 service cars. (Company does general lighting & power business.) ★50

COSHOCTON. 11,570 (1916).

805a—The Ohio Service Co.—Gen. office, Coshocton; local offices, Cambridge, Byesville, Uhrichsville, Dennison, New Philadelphia and Dover. (Purchased the property of The County Elec. Co. (New Philadelphia), The New Midland Pwr. & Trac. Co. (Cambridge), The Twin City Trac. Co. (Dennison) Coshocton Lt. & Htg. Co., Newcomerstown Lt. & Pwr. Co., The Strasburg Elec. Co. and The Lafayette Lt. & Pwr. Co. (W. Lafayette). (Connects Cambridge, Pleasant City, Byesville and Derwent; also Dennison and Uhrichsville.) (Controlled by United Service Co.)

Pres. Thos. R. Brooks.....Scranton, Pa.
V. Pres. & Mgr. C. H. Howell..Coshocton
Sec. & Treas. L. H. Conklin. Scranton, Pa.
Audr. J. P. Rawson.....Coshocton
Pur. Agt. K. A. Hinig..... "
Supt. of Pwr. J. J. Dolan..... "
Engr. Insp. & Tests C. A. Mullen..... "

COSHOCTON DIVISION.

Dist. Supt. F. T. Harris..... "

Power sta. equip. 1 a. c. G. E., Allis-C. turbo-gen. tot. 5800 kva. 2300 v. 3 ph. 60 cys: 2000 hp. b. Stir; 1600 hp. wtr. turb. Allis-C; trans. volt. 33,000 v.

NEW PHILADELPHIA DIVISION.

Dist. Supt. J Hall Truman, Jr..New Philadelphia

Power sta. equip. 2 a. c. G. E. turbo. gen. tot. 8125 kw. 2300 v. 3 ph. 60 cys; 1 a. c. Cpr.-Cor. 400 kva. 2300 v. 3 ph. 60 cys; 1 a. c. G. E. (hydro-elec.) 225 kva. 2300 v. 3 ph. 60 cys; tot. 2500 hp. b. Erie City, Stir; trans. volt. 33,000 v.

CAMBRIDGE DIVISION.

Dist. Supt. L. H. Slocumb....Cambridge

Power sta. equip. 1 d. c. Wood 250 kw; 2 a. c. G. E. tot. 300 kva. 2300 v. 3 ph. 60 cys; 1040 hp. e. Rus; trans. volt. 33,000 v. trolley volt. 600 v. Power plant held in reserve.

1 substa. cap. 1200 kva; 300 kw. mo.-gen. set.

Power sta. at West Cambridge.

Repair shops, car barn and sub sta. at South Cambridge.

Reaches Oakland Park.

13.38 miles; 4-8½ g: 9 cars.

DENNISON DIVISION.

Dist. Supt. A. G. Dutton.....Dennison
1 sub-sta. cap. 1500 kw. 33000/2300 v: 150 kw. mo.-gen. set; trolley volt. 600 v.
Repair shops, substa. and car barn at Dennison.
1.8 miles; 4-8½ g; 3 cars.
(Company does general lighting and power business.) 50

COVINGTON. 1,848.

(See No. 853.)

DAYTON. 127,224 (1916).

(See also Nos. 839, 853, 866, 879, 1117, and 1118.)

806—City Ry. Co.—Main office, 512 Mutual Home Bldg. Terminal office, Western and Auburn Aves.
Pres. & Treas. E. D. Grimes.....Dayton
1st V. Pres. G. G. Shaw ..... "
2nd V. Pres. V. Winters..... "
3rd V. Pres. G. H. Gorman..... "
Sec. M. Hall..... "
Claim Agt. J. H. Clark..... "
Audr. J. Morton..... "
Gen. Mgr. T. E. Howell..... "
Asst. Supt. T. E. Bitzer..... "
Ch. Engr. Frank Engle..... "
Elec. Engr. John Dolan..... "
Track Foreman, Jno. McDonald.. "
Power sta. equip. 5 d. c. G. E, Westg., S. & H. tot. 2900 kw; 3500 hp. e. Bckye. Prov; 1750 hp. b. Stir, A. & T, Bab. & W; trolley volt. 550 v.
Reaches Lake Side Park.
Power sta. at Emily & Levee Sts; repair shop at Western & Auburn Aves.
36.948 miles; 4-8½ g; 132 motor (46 closed, 80 open and 56 combination), 1 single truck, 3 flat, 3 snow, 2 sand cars and 1 tool car; 3 sprinklers. ★70

807—Dayton, Springfield & Xenia Southern Ry. Co.—Office, 201 Arcade. (Connects Dayton, Bellmont-Shoups Station, Alpha, Trebeins and Xenia.)
Pres. C. J. Ferneding.....Dayton
V. Pres. Gen. Mgr. & Pur. Agt.
T. A. Ferneding..... "
Sec. & Treas. H. L. Ferneding.... "
Audr. Pass. & Claim Agt.
R. J. Wells..... "
Gen. Fgt. Agt.
John G. Zimmerman..... "
M. M. J. N. Hinds..... "
Roadmaster George C. Anders.... "
Energy purchased from The Dayton Power & Light Co.; trans. volt. 6600 v; trolley volt. 600 v.
Repair shops near Shoups Station.
Reaches Bellbrook, Kilkare Park (controlled) and Yellow Springs Park.
27.97 miles: 4-8½ g; 28 cars. ★50

808—The Dayton St. Ry. Co.—Office, Lorain & Pritz Aves.
Pres.
Wm. A. Keyes..Schwind Bldg., Dayton
V. Pres.
S. M. Krohn...Commercial Bldg. "
Sec. & Treas.
Philip H. Worman, Schwind Bldg. "
Gen. Mgr. Wm. L. Smith..... "
Energy purchased from Dayton Pwr. & Lt. Co.
Repair shops at car barns.
14 miles; 4-8½ g; 27 motor and 20 other cars. 70

809—Dayton & Troy Elec. Ry. Co.—Office, Tippecanoe City. (Controls Miami Valley Ry. Co., The Troy, Tippecanoe and Dayton Interurban Ry. Co., and the Piqua St. Ry.) (Connects Dayton, Tippecanoe City, Troy & Piqua).
Pres. Harrie P. Clegg.....Dayton
V. Pres. & Gen. Mgr.
R. A. Crume.....Dayton
Sec. Henry Gebhart..... "
Treas. L. C. Clegg..... "
Audr. Finney Sprague...Tippecanoe City
Supt. Transpt. W. M. Kessler. "
Gen. Fgt. & Pass. Agt.
O. H. Murlin.....Dayton
Ch. Engr Pwr. Sta.
J. D. Kohler.....Tippecanoe City
Roadmaster, J. D. Racer " "
Power sta. equip. 3 d. c. West. tot. 1200 kw; 1000 hp. e. Bckye; 1200 hp. b. Bab. & W; trolley volt. 550 v.
Power sta. and repair shops at Tippecanoe City.
49 miles; 4-8½ g; 19 motor and 30 other cars. ★50

810—Dayton & Western Traction Co.—(Independent operation resumed April 25, 1920. For fourteen years road was operated as Dayton-Richmond Div. of Ohio Elec. Ry., Springfield.) (Connects Dayton and Richmond.)
Pres. Valentine Winters.....Dayton
Gen. Mgr. Henry Gebhart..... "
Supt. W. A. Coleman..... "
Gen. Audr. P. A. Hommel..... "
Gen. Pass. & Fgt. Agt. F. L. Boyer "
40 miles. $70

811—The Oakwood Railroad Co.—Office, 1620 Brown St. (Leased to and operated by The Oakwood St. Ry. Co.)
Pres. Harrie P. Clegg.....Dayton
V. Pres. & Gen. Mgr. Henry Gebhart "
Sec. J. H. Winters..... "
Treas. & Audr H. C. Weingartner "
Claim Agt. John H. Clark..... "
2.6 miles; 4-8½ g. ★50

812—The Oakwood St. Ry. Co.—Office, 1620 Brown St. (Connects Oakwood, Dayton and Dayton View.) (Leases and operates the Oakwood R. R. Co.)
Pres. & Treas. Harrie P. Clegg....Dayton
1st V. Pres. & Gen. Mgr.
Henry Gebhart..... "
2nd V. Pres. J. H. Winters..... "
Sec. & Audr. H. C. Weingartner.. "
Claim Agt.
John H. Clark...Schwind Bldg. "
M. M., J. F. Merrick..... "
Roadmaster J. Burkholder..... "
Energy purchased from Dayton Power & Lt. Co.; trolley volt. 600 v.
Repair shops at 1620 Brown St., Dayton.
10.6 miles (including Oakwood R. R. Co.); 4-8½ g; 31 motor pass. and 3 motor service cars. ★50

813—People's Ry. Co.—Office, 520 Washington St. (Controlled by American Rys. Co., Phila., Pa.)
Pres. J. A. McMahon.....Dayton
V. Prests. { H. J. Crowley Philadelphia, Pa.
C. L. S. Tingley... " "
Sec. & Treas. W. W. Perkins... "
Asst. Sec., Asst. Treas. & Compt. "
Frank J. Pryor, Jr.. ..... "
Gen Mgr. W. E. Boileau.....Dayton
Supt. of Trans. V. R. Powell..... "
Claim Agt.
John H. Clark..Schwind Bldg., "
Pur. Agt. G. C. Weirick, Philadelphia, Pa.
Ch. Engr. Pwr. Sta.
G. C. Chadderdon..... ....Dayton
M. M., Earl Lones..... "
Engr. M. of W., Ray Standish.... "
Frmn. Ovhd Constr.
James Franklin..... "
Power sta. equip. 2 d. c. G. E. tot. 2000 kw; 2500 hp. e. McI. & S; 2800 hp. b. Stir, Natl; trans. & trolley volt. 550 v.
Power sta. at Germantown St.; repair shops at Bolander Ave.
31.89 miles; 4-8½ g; 88 motor and 26 other cars. ★50

ENNISON. 4,008.

.e Ohio Service Co. — n Div.) For executive officers ɔcton. (Connects Uhrichsville ison.)
A. G. Dutton..... Dennison ·om high tension lines.
. cap. 1500 kw; 1 mo.-gen. set .ns. volt. 33,000-2300v; trolley

; 4-8½ g; 3 motor pass. cars. does general lighting and ness.) 50

IVERPOOL. 21,586 (1916).

(See also No. 1196.)

Steubenville, East Liver- Beaver Valley Trac. Co.— ɪreas. P. O. Box 781. E. Liver- n Nov. 1, 1917, the following s were merged: East Liver- :. & Lt. Co., The Ohio River r Ry. and The Steubenville . Liverpool Ry. & Lt. Co.) s Beaver, Industry, Midland h Ferry, Pa. and East Liver- lleville. Empire, Toronto and ille, O).
Smith ..... E. Liverpool
. & Pur. Agt. .
'aulk..... "
R. J. McElravy.... "
M. J B McConnell "
J. H. Maxwell.... "
'. Pettinger..... "
. R. F. Thompson. "
; W., T. J. Jones.. "
r, J. D. Hickey.... "
urchased from Buckeye Power volt. 13 200 v; trolley volt.

equip. 2 West. rot. conv. tot.

at Industry, Pa.; repair shops erpool.
Rock Springs Park at Chester, l Stanton Park at Steubenville. s; 4-8½ g; 75 motor pass., 8 r and 2 other cars. ★50

DLAY. 17,000 (1920.)

(See also No. 819.)

ɔdo, Bowling Green & ·n Trac. Co.—General office. (Connects Findlay, Bowling d Toledo.)
ard Goepper..... Cincinnati
arles Kilgour..... "
as. A. J. Becht..... "
. Baker..... Findlay
Claim & Pur. Agt.
ilth..... "
R. N. Hamblin..... "
& Pass. Agt.
precht..... "
Pwr. Daniel Reidel, Jr. "
Pwr. Sta. W. Nusbaum "
n Karns..... Bowling Green
r, Fred Miller..... Findlay
a. equip. 2 a. c. G. E. tot. 3000 3 ph. 25 cys; 4000 hp. e. Mcl. ip. b. Bab. & W; 1000 kw. stm. ; trans. volt. 20,000 v; trolley

as. at Findlay; repair shops at d Bowling Green.
amusement park in Toledo.
4-8½ g: 16 motor pass., 8 fgt. fgt. without motors and 4 rs: 1 elec. loco. (Company lighting in Findlay.) 70

LORAMIE. 444 (1911).

ɪrt Loramie Ry. Co. — y Minster & Loramie Ry. Co., t. Loramie. (Connects Minster ɔramie.) (Operated by Western Co.)
Pres. A. W. Baxter..... Ft. Loramie
V. Pres. F. C. Willmann.... "
Sec. Wm. J. Sherman..... "
Treas. Aug. Wise..... "
Audr. F. O. Reed..... Lima
Gen. Fgt. & Pass. Agt.
Peter Rieger..... Ft. Loramie
Energy from Western Ohio Ry. Co.
3.3 miles: 4-8½ g. ★70

FOSTORIA. 10,770 (1916).

(See also No. 846.)

818—The Fostoria & Fremont Ry. Co.— Office, Alcott Bldg., Fostoria. (Connects Fremont, Ballville, Havens. Burgoon, Kansas, Amsden and Fostoria.)
Pres. F. D. Carpenter..... Lima
V. Pres. J. H. Goeke..... Wapakoneta
Sec., Treas., Gen. Mgr. & Cl. Agt.
R. C. Guernsey..... Fostoria
Audr. F. O. Reed..... Lima
Gen. Fgt. & Pass. Agt. C. O. Sullivan "
1 sub-sta: 2 rot. conv.
Energy purchased from Lake Shore Electric Ry. Co.; trolley volt. 650 v.
Repair shops at Fremont.
21.5 miles: 4-8½ g; 3 motor pass., 2 fgt. motor and 2 fgt. cars without motors; 1 service car. 60

819—Toledo, Fostoria & Findlay Ry. Co.—Office. Fostoria. (In 1916, purchased property of The Lake Erie, Bowling Green & Napoleon Ry. Co. between Scotch Ridge, Center Church and Bowling Green (12 miles). Connects Findlay, Arcadia, Fostoria, Rising Sun, Bradner, Pemberville, Scotch Ridge, Center Church, Bowling Green, Luckey, Walbridge and Toledo.)
Pres. H. C. Greer....Morgantown, W. Va.
V. Pres. C. C. Fernsel..... Dover
Sec. & Treas. A. J. Krantz..... "
Gen. Mgr. E. Smith..... Fostoria
Supt. R. H. Ewan..... "
M. M., John Mitchell..... "
Roadmaster, D. Campbell..... "
Power sta. equip. 2 d. c. West. tot. 500 kw; 800 hp. e. Rus; 800 hp. b. Stir; trans. volt. 2300 and 22000 v; trolley volt. 700 v; energy also purchased from Lake Shore Elec. Ry. Co.
1 sub-sta cap. 500 kva.; 1 rot. conv.
Power sta. and repair shops at Fostoria. Owns Reeves' Park.
62 miles; 4-8½ g; 18 motor, 2 trail pass., 1 trail fgt. and 21 other cars. (Company does general lighting and power business.) ★50

FREMONT. 10,362 (1916).

(See No. 818.)

GALLIPOLIS. 5,560.

820 — The Gallipolis & Northern Trac. Co.—Office, Gallipolis. (Purchased property of the Kanauga Trac. Co. at receiver's sale.) (Connects Gallipolis, O., and Point Pleasant, W. Va.)
Pres. H. L. Lambert....Pennsboro, W. Va.
Sec. & Treas.
C. R. Cunningham.. " "
Gen. Mgr. H. Marsh..Parkersburg. "
Supt. E. M. McCormick .. ....Gallipolis
M. M., D. L. Reisinger..... "
Energy purchased from Ohio Utilities Co.; trolley volt. 600 v.
Repair shops at East Gallipolis.
Reaches Fair Grounds.
5 miles; 4-8½ g; 6 motor pass., 2 trail pass. and 1 other motor car. 60

GEORGETOWN. 1,580.

(See No. 798.)

HAMILTON. 40,496 (1916).

(See also No. 794.)

821—Cincinnati & Dayton Traction Co. (Successor to Cincinnati, Dayton & Toledo Trac. Co.)—Offices, 515 Dayton Svgs. & Tr. Bldg., Dayton. (A consolidation of the Southern Ohio Trac. Co., Hamilton Cincinnati-Northwestern Ry. Co. Cincinnati and The Hamilton & Lindenwald Elec. Transit Co.) (Connects Cincinnati, Hamilton, Middletown, Franklin, Miamisburg, Dayton, Trenton, Mt. Healthy, West Carrollton, and College Hill and operates city line in Hamilton.)

Pres. James M. Hutton, 1st Nat'l Bank Bldg. Cincinnati
V. Pres. Otto Armleader..... "
Sec. Claude Ashbrook Union Trust Bldg .....Cincinnati
Treas. Leo J. Van Lahr Provident Savings Bk., "
Audr. J. P. Longon.....Dayton
Gen. Mgr. & Pur. Agt. M. Ackerman.....Dayton
Supt. Frank Huber.....Miamisburg
Gen. Fgt. & Pass. Agt. C. M. Byrne..Dayton
Ch. Engr. Pwr. Sta. J. P. Davis Lindenwald Pwr. Sta., Hamilton
M. M., M. Schoenhals O'Neil's Car Shops, Dayton
Engr. M. of W., E. P. Denman...Trenton
Engr. Ovhd. Const. W. A. McNeal "

Pwr. sta. equip. 4000 hp. b. Bab. & W; 5250 kw. stm. turb. West; trans. volt. 33,000 v; trolley vol. 600 v.

6 sub-stas. tot. cap. 3900 kw; 13 rot. conv.

Power stas. at Lindenwald (P. O. Hamilton).

Repair shops at O'Neil's Sta., Dayton

Reaches Lindenwald Park and M. V Chautauqua Grounds, Franklin.

52.9 miles; 4-8½ g: 91 cars. 119

HEBRON. 677.

(See No. 839.)

HUBBARD. 1,699.

(See No. 965.)

IRONTON. 13,949.

(See Nos. 835 and 1190.)

LANCASTER. 13,670.

(See also No. 805)

832—The Lancaster Trac. & Pwr. Co.—Office, Main St.

Pres., Gen. Mgr. & Pur. Agt. H. B. Peters. .....Lancaster
V. Pres. Edw. DeLancy..... "
Sec. & Treas. P. R. Peters..... "
Supt. & Engr. Pwr. Sta. J. R. Smith ..... "
Ch. Engr. J. Griggs..... "

Power sta. equip. 3 d. c. T.-H. tot. 225 kw; 250 hp. e. Miller, Am. (gas); trolley volt. 550 v.

Power sta. and repair shops at Fair Ave.

12 miles; 4-8½ g; 22 motor and 2 other cars. 50

LEETONIA. 2,665.

833—The Youngstown & Ohio River R. R. Co.—Office, 530 Pearl St., Leetonia. (Connects Salem, Leetonia, Lisbon and East Liverpool.)

Pres. Warren Bicknell.....Cleveland
V. Pres., Gen. Mgr. & Pur. Agt. J. D. Dewees.....Leetonia
Sec. & Treas. Chas. S. Thrasher.....Cleveland
Audr. & Gen. Pass. Agt. R. F. Miller..... Leetonia
Gen. Fgt. Agt. Owen H. Lazelle "
Supt. Mot. Pwr. A. A. Crawford "
M. M., H. A. Rhoads ..... "
Roadmaster, S. W. Atterholt.... "

Power sta. equip. 2 d. c. West. tot. 110 kw; 2 a. c. West. tot. 2000 kw. 3 ph. 25 cys; 150 hp. e. West; 2000 hp. b. Stir; 3000 hp. turb. West; trans. volt. 22,000 v; trolley volt. 650 v.

Power sta. at West Point.

Repair shops at Leetonia.

Reaches Park system of E. Liverpool Trac. & Lt. Co.

38 miles; 4-8½ g: 9 motor and 35 other cars; 3 locos. (Furnishes energy to lighting company.) ★ 0

LIMA. 35,384 (1916).

834—The Ohio Elec. Ry. Co.—For general officers, see Springfield.

Gen. Mgr. H. G Gilpin.....Springfield
Supt. C. C. Fast..... Lima

Power sta. equip. 2 d. c. McI. & S, tot. 775 kw. 550 v; 5 a. c. G. E, McI. & S. tot. 3400 kw. 2300 v. 3 ph. 60 cys; 2800 hp. b. Bab. & W. A. & T.

Power sta. and repair shops at Lima.

147 miles (Ft Wayne Div. 65 miles; Toledo Div. 72 miles; City Div. 10 miles); 4-8½ g. (Company furnishes energy for lighting and does steam heating.) 60

835—Western Ohio Ry. Co.—Office, 119 W. Market St., Lima. (Owns the Lima, Findlay & Toledo Ry.; operates between Findlay, Mt. Cory, Cridersville, Botkins, Anna, Lockington, Lima, Wapakoneta, St. Mary's, New Bremen, Minster, Celina, Sidney, Piqua, Rawson, Bluffton and Beaverdam; also operates Minster & Loramie Ry.)

Pres. & Gen. Mgr. F. D. Carpenter Lima
Sec. & Treas. H. C. Lang .....Cleveland
Audr. F. O. Reed..... Lima
Supt. & M. M.. E. B. Gunn..Wapakoneta
Claim Agts. Goeke & Roesel.. "
Gen. Fgt. & Pass. Agt. C. O. Sullivan.....Lima
Pur. Agt. Wm. M. Varner..... "
Ch. Engr. Pwr. Sta. E. C. Mickstroth..... .....St. Marys
Elec. Engr. & Engr. Ovhd. Constr. H. V. Swinehart.....Wapakoneta
Roadmaster, N. Poblaebin..... "

Power sta. equip. 4 a. c. West. tot. 2200 kw. 400 v. 3 ph. 25 cys; 4600 hp. e. Cpr. Cor; 4300 hp. b. Stir; 6000 kw. turb. (stm.) West. G. E; trans. volt. 33,000 v; trolley volt. 650 v.

7 sub-stas. tot. cap. 3000 kw; 14 rot. conv.

Power sta. at St. Mary's.

Repair shops at Wapakoneta.

108.05 miles; 4-8½ g; 27 motor and 65 other cars; 1 elec. loco. (Company does general lighting and power business.) ★70

LORAIN. 36,964 (1916).

836—The Lorain St. R. R. Co.—(Controlled by Lake Shore Elec. Ry., which see for officers.) (Connects Lorain and Elyria.)

Energy purchased from Lake Shore Elec. Ry. Co.; trans. volt. 18,000 v trolley volt. 600 v.

Repair shops at So. Lorain.

24.5 miles; 4-8½ g: 21 motor and 2 other cars. 70

LOWELLVILLE. 1,892.

(See No. 855.)

MANSFIELD. 27,800 (1920)

827—The Richland Public Service Co.—Office, 10 So. Park St., (Acquired physical property of Mansfield Elec. Lt. & Pwr. Co., Mansfield Gas Lt. Co. and Mansfield Public Utility & Service Co.) (Controlled by Cities Service Co.) Furnishes electric railway, light & power and natural gas service in Mansfield.) (Operates an interurban line connecting Mansfield and Shelby.)
Pres. Henry L. Doherty, New York N.Y.
1st V. Pres.
Frank W. Fruenauff..... " "
V. Pres. & Gen. Mgr.
F. A. Chamberlain.....Mansfield
Sec., Treas. & Audr.
J. E. Loiseau..... " "
Gen. Supt. H. A. Cowgill..... "
Ch. Engr. Pwr. Sta.,
E. F. Day .....Melco
M. M., W. H. Goodenough.....Mansfield
Trainmaster J. W. Jacobs..... "
Power sta. equip. 4000 hp. h. Stir; tot. 20,000 kw. (steam) turo. West. G. E. (a. c. 2300 v 3 ph. 60 cys.) trans volt. 44,000 and 66,000 v; trolley volt. 600 v.
1 sub-sta. cap. 1250 kw; 2 rot. conv.
Power sta. at Melco.
Repair shops at E. 4th St., Mansfield.
Owns Casino Park and Theatre.
22 miles (including 12 mile interurban to Shelby): 4-8½ g; 28 motor pass. and 4 other cars. (Company sells energy to Ashland and Lucas.) ★50

MARIETTA. 14,785 (1916).
(See No. 1197.)

MARION. 23,430 (1916).
(See also No. 800.)

824—The Columbus, Marion & Bucyrus Ry. Co.—Office, Marion. (Connects Marion and Bucyrus.)
Pres. & Gen. Mgr. Geo. Whysall..Marion
V. Pres. & Treas.
James H. Caldwell.....Troy, N. Y.
Sec. & Asst. Treas. H. B. Hane...Marion
Energy from Col. Del. & M. Ry.; trolley volt. 600 v. d. c;
Repair shops at Marion.
18 miles: 4-8½g; 2 motor pass. cars and 4 gondolas. 50

MAUMEE. 2,307.
(See No. 847.)

MEDWAY. 400.
(See No. 839.)

MILFORD, 1,321.
(See No. 790.)

NELSONVILLE. 6,082.

831—The Hocking-Sunday Creek Trac. Co.—Office 29½ W. Columbus St., Nelsonville. (Connects Nelsonville and Athens.)
Pres. M. S. Hopkins.....Columbus
V. Pres. E. B. Young.....Nelsonville
Sec. & Treas. John H. Saltz.. "
Gen. Mgr., Pur. Agt. & Ch. Engr.
Warren H. Badger..... "
Supt. & Roadmaster,
Jas. W. Shafer..... "
M. M., D. C. Shafer..... "
Energy purchased from the Hocking Pwr. Co.; 2 400 kw. rot. sets consisting of 2-200 kw. each, 600-1200 v. 3 ph. 60 cys; trans. volt. 11,000 v; trolley volt. 1200 v
Repair shops at Nelsonville.
15 miles (14 mi. 1st m. t., 1 mi. sid.); 4-8½ g; 4 motor pass. 1 trail pass. and 3 trail freight cars. ★50

NEWARK. 29,635 (1916).
(See No. 839.)

NEW PHILADELPHIA. 9,912 (1916)

831a—The Ohio Service Co.—(New Philadelphia Div.) For executive officers see Coshocton.
Dist. Supt.
J. Hall Truman, Jr...New Philadelphia
Pwr. sta. equip. 2 a. c. G. E. turbo-gen. tot. 8125 kva. 2300 v. 3 ph 60 cys.; 400 kva e. Cpr: 3500 hp. b. Stir. Erie City; 225 kva. wtr. turb. G. E.; trans. volt. 33,000 v.
Pwr. sta. at New Philadelphia. 50

NILES. 8,921 (1916)
(See No. 855.)

NORWALK. 7,858.

832—The Plymouth & Shelby Trac. Co.—Office, Norwalk. (Connects Plymouth and Shelby.) (Controlled by The Sandusky, Norwalk & Mansfield Elec. Ry. Co.)
Receiver. C. G. Taylor.....Norwalk
Energy and equip. from The Sandusky Norwalk & Mansfield Elec. Ry. Co.
6.97 miles; 4-8½ g. 119

833—The Sandusky, Norwalk & Mansfield Elec. Ry. Co.—Office. 13 E. Main St., Norwalk. (Connects Norwalk, No. Fairfield, Steuben, New Haven, Plymouth and Chicago Junction.) (Controls Plymouth & Shelby Trac. Co.)
Receiver. C. G. Taylor.....Norwalk
Audr. Miss. A. E. Busch..... "
Supt. of Cars & Equip.
C. D. Woodworth.....No. Fairfield
Roadmaster, John Watts.....New Haven
Energy purchased from Cleveland, Southwestern & Columbus Ry Co; trans. volt. 22,000 v; trolley volt. 650 v.
Repair shops at No. Fairfield.
29.5 miles: 4-8½ g: 4 motor pass. cars and 1 other motor car. 119

PAINESVILLE. 5,501.
(See No. 854.)

PERRYSBURG. 1,913.
(See No. 847.)

PIQUA. 14,152 (1916).
(See Nos. 809 and 853.)

PLYMOUTH. 1,314.
(See Nos. 832 and 833.)

POMEROY. 4,023.

834—The Ohio River Elec. Ry. & Pwr. Co.—Office, Pomeroy. (Owns Pomeroy & Middleport Elec. Co.) (Connects Hobson, Middleport, Pomeroy, Minersville, Syracuse and Racine.)
Receiver Harry Hartwell.....Pomeroy
Pres. I. L. Oppenheimer..... "
V. Pres. F. W. Bacon,
1416 Chestnut St., Philadelphia, Pa.
Sec. J. K. Trimble .... " "
Treas H. Williams, Jr... " "
Asst. Treas. Henry T. Alley " "
Gen. Supt. & Pur. Agt.
D. W. Hennessy .....Pomeroy
Claim Agts. { D. Curtis Reed .... "
{ M. S. Webster..... "
Elec. Engr. Charles Sayre..... "
M. M., James Chisholm..... "
Engr. Ovhd. Const. S. B. Hendrix "
Roadmaster, H. B. Curd ..... "

Energy purchased from Peacock Coal Co.; 2 a. c. mo.-gen. sets, G. E. tot. 800 kw. 2400 v. 3 ph. 60 cys; trans. volt. 13,200 v.; trolley volt. 600 v.

Sub-sta. and repair shops at Pomeroy.

12.7 miles; 4-8½ g; 14 motor pass. and 2 other cars; 2 elec. locos. (Freight hauled by elec. locos.) (Co. furnishes energy for street and commercial lighting to Pomeroy & Middleport Elec. Co.)

119

PORTSMOUTH. 33,001 (1920).

835—The Portsmouth St. R. R. & Lt. Co.—(Controls the Ohio Valley Traction Co. Connects Portsmouth, New Boston, Sciotoville, Wheelersburg and Ironton.)

Pres. L. D. York ..... Portsmouth
V.Pres..Gen. Mgr. & Pur. Agt.
R. D. York ..... "
Sec. & Treas. H. H. Higgins ..... "
Claim Agt. H. W. Miller ..... "
Ch. & Elec. Engr. W. C. Martin "
Ch. Engr. Pwr. Sta.
W. A. Martin ..... "
Engr. M of W., F. Jones ..... "
Engr. Ovhd. Constr. Sam Robb "

Power sta. equip. 4 a. c. G. E. tot. 5500 kw. 2300 v. 2 ph. 60 cys; 1500 hp. b. B.&W; 1800 kw. stm., turb. G. E. West: trans. volt. 22,000-6600 v; trolley volt 600 v.

Power sta. at New Boston.

Repair shops at 10th & Offnere Sts.

Owns Millbrook Park.

32.5 miles; 4 8½ g; 15 motor pass., 3 trail pass., 2 other motor and 8 other cars; 1 elec loco. (Company does general lighting and power business.) ★70

RAVENNA. 5,310.

835a—Cleveland, Alliance & Mahoning Valley R. R.—Office. Ravenna. (Extends from Alliance to Limaville. Atwater, Rootstown and Ravenna eastwardly through Charlestown, Wayland, Newton Falls, Leavittsburg and Warren.)

Receiver.
Milton C. Portmann ..... Cleveland
Pres. F. F. Klingman ..... "
Sec. K. L. Smith ..... "
Treas. A. H. Seibig ..... "
Audr. E. H. Smith ..... Ravenna
Gen. Mgr. W. E. Riddle ..... "
Elec. Engr. W. T. Richardson.. "
M. M., W. C. Carter ..... "
Roadmaster, John Kennedy .... "

Energy purchased from Stark Elec. R. R.; trans. volt. 22,000 v; trolley volt. 625 v. 2 sub-stas. tot. cap. 750 kw; 2 rot. conv. Repair shops at Ravenna.

43.5 miles owned (all 1st m. t.) also 2 miles trackage rights. Total miles operated 43.5; 4-8½ g; 9 motor pass., 1 motor freight and 1 motor service car. (Sells energy in Limaville.) ★50

SANDUSKY. 23,987 (1920).

837—The Sandusky, Fremont & Southern Ry. Co.—Executive office. Cleveland. General office. Sandusky. (Connects Sandusky and Fremont.) (Controlled by Lake Shore Elec. Ry., which see for officers.)

Energy purchased; trans. volt. 18,000 v; trolley volt. 600 v.

22 miles; 4-8½g; 10 motor and 8 other cars. 70

SHELBY. 4,685.

(See No. 827.)

SOUTH CHARLESTON. 1,181.

838—The Springfield & Washington Ry. Co.—Office. So. Charleston, O. (Successor to the Washington Trac Co.) (Connects Springfield and South Charleston.)

Pres. C. E. Baker ..... Washington C. H
V. Pres. W. W. Keifer ..... Springfield
Sec. C. J. Baughn ..... South Charleston
Treas. & Gen. Mgr.
Floyd Baker ..... "
Audr. C. F. Wheeler ..... "
M. M., Frank Keeler,
R. D. No. 11 ..... Springfield
Roadmaster
Ben Enerhart ..... South Charleston

Energy purchased from Springfield & Xenia Ry. Co.; trans. volt. 6600 v: trolley volt. 650 v.

1 sub-sta.

Repair shops at Pitchin (P. O. Springfield, R. D. No. 11.)

15.5 miles (15 mi. 1st m. t., 0.5 mi. 2nd m. t.); 4-8½ g; 3 motor pass., 2 motor freight and 1 motor service car. ★50

SPRINGFIELD. 51,550 (1916).

839—The Ohio Elec. Ry. Co.—Offices, Interurban Bldg., Springfield. (Operates through ownership the Lima & Toledo Trac. Co., (operating between Lima & Toledo) and the Lima Elec. Ry. & Lt. Co. (which operates in Lima), and leases The Ft. Wayne, Van Wert & Lima Trac. Co. (operating between Lima and Ft. Wayne, Ind.). Also acquired by lease the Indiana, Columbus & Eastern Trac. Co., which had acquired the Dayton, Springfield & Urbana Elec. Ry. Co., The Columbus, London & Springfield Ry. Co., The Columbus Grove City & Southwestern Ry. Co., The Urbana, Bellefontaine & Northern Ry. Co., The Springfield & Western Ry., The Dayton & Northern Trac. Co., and about 12 miles of The Dayton & Muncie Trac. Co., from Greenville to Union City on the Indiana-Ohio state line, and the Columbus & Lake Michigan R. R. operating from Lima to Defiance. Lessee (through Indiana, Columbus & Eastern Trac Co.) of the Columbus, Newark & Zanesville Elec. Ry. Co., (which had previously absorbed the Columbus, Buckeye Lake & Newark Traction Co., the Newark & Granville St. Ry. and the Zanesville Ry.. Lt. & Pwr. Co.) (Lines extend from Zanesville on the east via Newark to Columbus, through Springfield to Dayton, and from Dayton to Union City, where connection is made with The Indiana Union Trac. Co. for Muncie, Anderson and Indianapolis. Extends north from Springfield through Urbana and Bellefontaine and Lima and from Lima to Defiance and Toledo, O. and to Ft. Wayne, Ind.)

Pres. Charles H. Day.. Philadelphia, Pa.
V. Pres. J. H. McClure ..... Lima
Sec. & Treas. F. A. Healy.... Springfield
Asst. Sec., Asst. Treas. & Pur. Agt.
J. M. Pogue ..... "
Audr. L. W. VanBibber,..... "
Gen. Mgr. H. G. Gilpin..... "
Gen Fgt. & Pass. Agt.
W. S. Whitney ..... "
Claim Agt. J. M. Boyer ..... Columbus
Supts. { C. C. Fast ..... Lima
F. G. Clunis ..... Columbus
W. L. Clayton ..... Dayton
Supts Ry. & Lt. { B. S. Watters ..... Zanesville
J. B. Dugan ..... Lima
Gen. Supt. Transp.. F. J. Moore .Springfield
Ass't Supt.. E. J. Lemaster.... Newark
Ch. Engr. J. H. Sundmaker.... Springfield
Asst. Engr. G. D. Nicoll..... "
Master Mechanics { F. A. Bundy..... Lima
F. J. Foote..... Springfield

MEDWAY PWR. STA.—5 a. c. G. E, West, Ham. Cor., tot. 5350 kw. 3 ph. 25 cys; 3825 hp. b. Bab. & W; trans. volt. 24,000 v; trolley volt. 550 v.

HEBRON PWR STA.—3 a. c. G. E. tot. 3100 kw. 13,200 v. 3 ph. 25 cys; 3900 hp. c. Ham; 2600 hp. b. Bab. & W. Stir; trans. volt. 13,200 v; trolley volt. 650 v.

ZANESVILLE PWR. STA.—5 a. c. G. E, West, tot. 2950 kw. 2300 v. 3 ph. 60 cys; 1500 hp. b. Heine, A. & T.

LIMA PWR. STA.—2 d. c. Mcl & S. West. tot., 775 kw. 550 v; 5 a. c. G. E. Mcl & S. tot. 3400 kw, 2300 v; 3 ph. 60 cys. 2800 hp. b. Bab. & W., A. & T.

Power stas. at Medway, Hebron, Zanesville and Lima; repair shops at Medway, Newark, Zanesville, Brookville, W. Alexandria, Springfield and Lima.

Reaches parks at Buckeye Lake, Tecumseh, Hoover Lake (Lima), Idlewild (Newark), Gant (Zanesville), Lewiston Reservoir and Lake View.

533.04 miles controlled and operated; 187 motor pass., 13 trail pass. and 161 fgt. cars (57 elec. equipped.) (Company does general lighting and power business.) ★60

840—Springfield Ry. Co.—Office, 44 So. Limestone St. (Consolidation of the Springfield Electric Ry. Co. and Citizen Ry. Co.) (Controlled by American Rys. Co., Witherspoon Bldg., Philadelphia, Pa.)

Pres. Paul C. Martin.....Springfield
V. Prests. { H. J. Crowley
C. L. S. Tingley,.. Philadelphia, Pa.
Sec. & Treas. W. W. Perkins. "
Asst. Sec Asst. Treas. & Compt. Frank J. Pryor, Jr.. "
Gen. Mgr. P. E. O'Brien.....Springfield
Supt. of Trans. James Funderburg..... "
Pur. Agt. G.C.Weirick, Philadelphia, Pa.
Ch. Engr. Pwr. Sta. G. C. Chadderdon.....Springfield
M. M. Chas. Hamilton..... "
Roadmaster A. Schmittauer... "
Cashier, W. A. Gillen..... "

Power sta. equip. 4 d. c. G. E. C. W. tot. 1950 kw; 2900 hp. e. Mcl. & S, Allis-C; 2100 hp. b. Bab. & W. (Stir.); trans. and trolley volt. 550 v.

Power sta. at Sycamore & Warder Sts.

30.098 miles; 4-g; 80 motor cars. 50

841—Springfield Term. Ry. & Pwr. Co.—Office, Cliff St., Springfield. (Successor to Springfield, Troy & Piqua Ry.Co.) (Connects Springfield, Lawrenceville, North Hampton, Dalton, Christiansburg, Casstown and Troy.)

Receiver, George Whysall.....Marion
Audr. & Cl. Agt. W. G. Bell...Springfield
Supt. H. Robson..... "
Ch. Engr. Pwr. Sta. J. W. King "

Power sta. equip. 2 d. c. G. E. tot. 1080 kw; 1700 hp. e. Cpr; 1200 hp. b. Bab. & W.; trans. volt. 26,400 v. a. c.; trolley volt. 575 v. d. c.

Power sta. and repair shops at Springfield.

Reaches Snyder Park.

30.41 miles; 4-8½ g; 9 motor cars. Sells energy to Springfield & Xenia Ry. Co. ★50

842—Springfield & Xenia Ry. Co.—Executive Office, Springfield. (Connects Springfield, Yellow Springs and Xenia.)

Pres. Warren Bicknell.....Cleveland
V. Pres. G. A. Coulton..... "
Sec. & Treas. Chas. S. Thrasher. "
Audr. M. Cummings.....Springfield
Gen. Mgr. & Pur. Agt. Chas. E. Serviss..... "
Gen. Fgt. Agt. John H. Zimmerman "
M. M. Clyde Bauser.....Springfield
Engr. Ovhd. Constr. A. R. Haynes..... "

Energy purchased from Dayton Pwr. & Lt. Co.; trans. volt. 13,200 v; trolley volt. 650 v.

2 sub. stas; 2 rot. conv.

Repair shops at Emery Chapel.

Reaches Bryan Park.

20 miles, 4-8½ g; 5 motor pass., 1 motor freight and 1 trail freight car. (Co. sells energy to railways.) ★70

STEUBENVILLE. 27,445 (1916).

(See Nos. 815, 1202 and 1206.).

SYLVANIA. 1002.

(See No. 852.)

TIFFIN. 12,867 (1916).

846—The Tiffin, Fostoria & Eastern Elec. Ry. Co.—Office, 54 E. Perry St. (Connects Tiffin, Bascom and Fostoria. Controls Tiffin city lines.)

Pres. L. S. Sneath.....Tiffin
V. Pres. R. D. Sneath..... "
Sec. Justice Wilson.....Toledo
Treas. C. F. M. Niles..... "
Gen. Mgr., Claim & Pur. Agt. R. R. Hayes.....Tiffin
Elec. Engr., M. M. & Engr. Ovhd. Constr. R. Kingseed .....Tiffin

Energy purchased from the Central Pwr. Co.

Repair shop at Bascom and Tiffin, O.

Owns and operates Meadowbrook at Bascom, O.

21 miles; 5-8½ g; 4 motor pass., 7 city motor, 2 fgt. motor, 4 fgt. without motors and 9 other cars. (All cars carry baggage and express.) 50

TIPPECANOE CITY. 2,038.

(See No. 809.)

TOLEDO. 191,554 (1916).

(See also Nos. 473, 478, 799, 816 and 819.)

847—Maumee Valley Rys. & Lt. Co.—Office, cor. Jefferson & Superior Sts., Toledo. (A consolidation of the Toledo & Maumee Valley Ry. and the Toledo, Waterville & Southern Ry.) Belt Line—connects Toledo, Maumee and Perrysburg. (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)

Pres. Frank R. Coates.....Toledo
Sec. H. T. Ledbetter..... "
Treas. A. C. Van Driesen..... "

Energy purchased from Toledo Rys. & Lt. Co.

Repair shops at Perrysburg.

23.21 miles (8.4 miles operated under trackage rights); 4-8½ g; 8 mo. pass. cars and 1 fgt. car. 50

848—Northwestern Ohio Ry. & Pwr. Co.—Office, Ohio Bldg. (Connects Toledo, Genoa, Port Clinton and Oak Harbor; ferry connection for Cedar Point and Sandusky.) (Under management of W. S. Barstow Management Ass'n Inc. and controlled by The General Gas & Elec. Co.)

Pres. W. S Barstow, 50 Pine St., New York, N. Y.
V. Pres. & Gen. Mgr. F. K. Woodring .....Oak Harbor
Sec. C. N. Wilson, 50 Pine St., New York, N. Y.
Treas. O. Clement Swenson " "
Audr. C. C. Cash .....Toledo
Supt. L. D. Hall.....Genoa
Supt. Rys. E. O. Shryock..... "
Engr. Pwr. Sta. Fred Bredlau, Port Clinton

Power sta. equip; 3 a. c. Bull. G.E. tot. 3300 kw. 375 v. 3 ph. 25 cys; 2000 hp. e. Allis-C; 2600 hp. b. Erie, Stir; 2000 kw. (stm.) turb. G. E; trans. volt. 20,000 v; trolley volt. 600 v.

Power sta. at Port Clinton.

Repair shops at Oak Harbor.

Reaches Cedar Point and Sandusky.

57 miles; 4-8½ g; 10 motor and 20 other cars. (Company does lighting and power business.) ★50

849—The Toledo & Indiana R. R. Co.—Office, 839 Ohio Building, Toledo. (Successor to Toledo & Indiana Trac.

Co.) (Connects Toledo, Holland, Swanton, Delta, Wauseon, Pettisville, Archbold, Stryker and Bryan.)
Pres. L. R. Schenck
1112 Nicholas Bldg., Toledo
V. Pres.
S. D. Carr....Nat. B'k. of Com., "
V. Pres. & Gen. Mgr. H. C. Warren, "
Sec. C. F. Chapman..... "
Treas. H. W. Potter,
1112 Nicholas Bldg., "
Audr. C. B. Kleinhans..... "
Supt. Lt. & Pwr.
J. R. Lawrence.....Wauseon
Gen. Fgt. & Pass. Agt. L. S. Cook, Toledo
Trainmaster, B. D. Gavin.....Delta
Elec. Engr. Froelich & Emery Eng'rg Co.
2nd Nat. Bank Bldg., Toledo
Engr. Pwr. Sta. Chas. Scheer....Stryker
M. M., B. G. Towers..... "
Engr. Ovhd. Constr., L. Avery .....Delta
Power sta. equip. 2 a. c. G. E. tot. 1200 kva. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Cpr. C. & G: 2400 hp. b. Bab. & W: 2750 kw. turb. (stm.) G. E., West; trans. volt. 13,200 v; trolley volt. 600 v.
5 sub-sta. tot. cap. 2000 kw. 5 rot. conv.
Power sta. and repair shops at Stryker.
52 miles; 4-8½ g; 9 motor pass., 4 fgt. motor. 21 fgt. cars without motors and 1 service car 1 elec. loco. (Company does lighting and power business.) ★50

850 — The Toledo, Ottawa Beach & Northern Ry. Co.—Office, Jefferson & Superior Sts., Toledo. (Connects Toledo and Toledo Beach, Mich. and also Point Place, Ohio.) (Controlled by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.)
Pres. & Gen. Mgr. F. R. Coates....Toledo
Sec. H. T. Ledbetter..... "
Treas. A. C. Van Driesen..... "
Energy purchased from Toledo Rys. & Lt. Co.
Repair shops at Toledo.
Owns and reaches Toledo Beach, Mich. 26.59 miles (9.84 miles operated under trackage rights); 4-8½ g; cars leased from Toledo Rys. & Lt Co. (Co. does general ltg. and pwr. business.) 50

851 — Toledo Railways & Light Co.—Office, cor. Jefferson & Superior Sts., Toledo (Successor to Toledo Trac. Co., and connects all street railways in Toledo.) (Controlled through stock ownership by the Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.) (Operated, under contract, by Henry L. Doherty & Co.)
Pres. & Gen. Mgr. F. R. Coates....Toledo
V. Prests. { F. W. Frueauff 60 Wall St. New York; Rathbun Fuller.....Toledo
Treas. S. D. Carr..... "
Sec. H. T. Ledbetter..... "
Asst. Treas. A. C. Van Driesen.... "
Asst. to Gen. Mgr. & Mgr. Lt. Ht. & Pwr., F. J. Derge..... "
Mgr. Rys., Jos. M. Enright..... "
Asst. Mgr. Rys. & Ry. Engr., A. Swartz..... "
Pur. Agt., T. T. Munz..... "
Claim Agt. V. J. Waltz..... "
Traffic Mgr. W. J. Chisholm..... "
Mgr. of Stores, G. B. Garrett..... "
Supt. Prod., J. M. Strike..... "
Supt. Elec. Dept. Wm. E. Richards "
M. M., C. A. Brown..... "
Engr. M. of Way, P. H. Farrell.... "
Power sta. equip. 5 d. c. G. E. West. tot. 4350 kw; 9 a. c. turbo-gen. G. E. West, Allis-C. tot. 61,580 kw. 4000 v. 3 ph. 25 & 60 cys; 7100 hp. e. Allis-C, Whlk, Cor; 25,156 hp. b. Heine, Stir. McNaul; trans. volt. 2300-4000-13,200-33,000 v; trolley volt. 550-600 v.
Power stas. at Water St. bet. Madison & Adams Sts. at Floyd St., 22nd St. & at Detroit Ave., Toledo.
Repair shops at Central Ave.
Reaches Toledo Beach (owned) and Walbridge, Central & Navarre Parks.
112.2 miles; 4-8½ g; 358 motor pass., 3 exp. motor and 40 service cars. (17 with motors.) (Co. does general ltg. business and sells energy to ry. companies.) ★50

852—Toledo & Western R. R. Co.—Gen. Office, Sylvania. (Acquired property of Toledo & Western Ry. Co; successor to the properties and franchises of Toledo, Fayette & Western Ry. Co.) (Controlled by Toledo Trac., Lt. & Pwr. Co., which is controlled by the Cities Service Co.) (Connects Toledo, Pioneer via Morenci, Mich., with branch to Adrian, Mich.)
Pres. & Gen. Mgr. Frank R. Coates..Toledo
V. Pres. & Gen. Mgr.
J. Frank Johnson.....Sylvania
Arthur P. Nicklet..... "
Supt. H. R. Wheaton..... "
Claim Agt. Morton C. Seeley.....Toledo
Fgt. & Pass. Agt C. F. Phillips, Sylvania
Elec. Engr. E. V. Emery..... "
M. M., P. W. Pengeot..... "
Roadmaster, J. S. Deiter..... "
Engr. Ovhd Constr.
W. S. Smith..... "
Energy purchased from Toledo Rys. & Lt. Co trans. volt. 33,000 v. (8 miles) and 13,200 v. (65 miles); trolley volt. 600 v.
10 sub-stas. tot. cap. 3000 kw.; 10 rot. conv.
Repair shops at Sylvania.
77.79 miles owned; also 9.14 miles trackage rights. Total miles operated 86.93; 4-8½ g; 14 motor pass., 5 motor baggage, 120 trail freight, 4 motor service and 5 trail service cars; 5 elec. locos. (Furnishes energy for lighting and spower.) ★50

TROY. 6,123.
(See Nos. 809 and 841).

UHRICHSVILLE. 4,751.
(See No. 805a.)

URBANA. 7,739.
(See No. 839.)

WAUSEON. 2,650.
(See No. 849.)

WELLSVILLE. 7,769.
(See No. 815.)

WEST MILTON. 1,907.

853 — The Dayton, Covington & Piqua Traction Co.—Auditing office; 526 John Hancock Bldg., Boston, Mass., local office, West Milton. (Connects Dayton, Piqua, Covington, W. Milton, Pleasant Hill, Ludlow Falls, Union, Englewood and Overlook Park.)
Pres.
Dennis Dwyer, Schwind Bldg., Dayton
V Pres. & Gen. Mgr.
T. Russell Robinson .....Boston, Mass.
Treas. Geo. E. Whiting.... " "
Gen. Supt. & Pur. Agt.
Thos. J. Brennan.....West Milton
Gen. Fgt. & Pass Agt.
Jas R. Randall..... "
Ch. Engr. Pwr. Sta. L. A. Wolf "
M. M. Frank Crees..... "
Engr. of Ovhd. Constr. Wm. Eby "
Pwr. sta. equip. 2 d. c. G. E. tot. 800 kw. 600 v; 500 hp. e. Bckye: 635 hp. b. Hodges, Brnl; trolley volt. 600 v.
Power sta. and repair shops at West Milton.
Owns Overlook Park, West Milton.
34.5 miles; 4-8½ g; 12 motor and 7 other cars. (Co. does lighting business.) 50

WILLOUGHBY. 2,072.

854 — Cleveland, Painesville & Eastern R. R. Co.—Office, Willoughby. (Connects Cleveland, Euclid, Wickliffe, Willoughby, Mentor, Painesville, Nottingham, Fairport, Perry, Madison, Geneva and Ashtabula.)

Pres. E. W. Moore ..... Cleveland
V. Pres., Gen. Mgr. & Pur. Agt.
W. H. Douglas ..... Willoughby
Sec. Fred. S. Borton ..... Cleveland
Treas. E. V. Hale ..... "
Asst Sec., Asst. Treas. & Audr.
J. A. Currie ..... Willoughby
Supt. Transpt. John Harper .. "
Supt. Lines, C. Hill ..... "
Claim Agt. J. C. Ward ..... "
Ch. Engr. Pwr. Sta. Fred Lyons Painesville
M. M., Ed. Hengst ..... Willoughby
Roadmaster, Clarence Wood. "

8 d. c. G. E. West. tot. 2800 kw.; 4 a. c. G. E. tot. 3750 kva. 6600 v. 3 ph., 25 cys; 2900 hp. b. Stir.; 3000 kw. stm. turb. West; trans. volt. 13,200 v.; trolley volt. 650 v.

8 sub-stas. tot. cap. 2900 kw; 7 rot. conv.; 2 mo. gen. sets.

Powe sta. at Erie St., Painesville.
Repair shops at Willoughby.
Reaches Willoughby Beach Park.
38.76 miles; 4-8½ g; 30 pass., 5 express and 3 work cars. (Co. sells energy for lighting and power.) 50

XENIA. 8,712.

(See Nos. 807 and 842.)

YOUNGSTOWN. 126,280 (1919).

(See also Nos. 964 and 965.)

855—The Pennsylvania-Ohio Electric Co. (Formerly Mahoning & Shenango Ry. & Lt. Co.—Office, 25-31 E. Boardman St., Youngstown. (Controls New Castle Elec. Co., New Castle Elec. St. Ry. Co. (leased), The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co. (leased), New Castle Trac. Co. (leased), Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.). The Shenango Valley Elec. Lt. Co.. Pennsylvania Pwr. Co.. Mahoning County Lt. Co., Youngstown, Munic. Ry. and Youngstown & Niles Ry. (under construction.) Operates Zelienople (Pa.) Lt. & Pwr. Co.) (The properties consist of street and interurban lines in Youngstown, Girard, Niles, Mineral Ridge, Warren, Leavittsburg, Struthers, Lowellville, Edenburg, New Castle, Hubbard, New Bedford, Sharon, Sharpsville, Farrell, Wheatland, West Middlesex, E. Youngstown and Poland comprising a total of 171 miles of track; and electric lighting in Youngstown, Girard, Struthers, New Castle, Hubbard, Sharon, Sharpsville, Farrell, Wheatland, East Youngstown, Ellwood City, Wampum, Chewton, Zelienople, Ohio and West Pittsburgh, Pa. Also owns gas plants in Youngstown.) (Controlled through stock ownership by Republic Ry. & Lt. Co.) (On Sept. 1, 1917, the following companies, formerly controlled, were merged: The Youngstown & Sharon St. Ry. Co., The Youngstown Park & Falls St. Ry. Co. The Mahoning Valley Ry. Co. and The Poland St. Ry. Co.)

Pres. R. P. Stevens,
V. Prests. 60 Broadway, New York N. Y. & Gen. Mgr. Garrett T. Seely, Youngstown; F. L. Dame, New York, N. Y. Randall Montgomery, Youngstown
Sec. & Gen. Counsel, Wm. M. Coleman 60 Broadway, New York, N. Y.
Audr. F. E. Wilkins ..... Youngstown
Asst. Audr., H. R. Bowie .... "
Treas. & Asst. Sec.
E. G. Dunlap "
Asst. Treasrs. A. R. Hughes ..... Youngstown; L. J. Hart .... New York, N. Y.
Mgr. Rys. R. N. Graham .... "
Asst. Mgr. Rys.
Rex D. Billings ..... "
Mgr. Lt. & Pwr. E. H. Bell ... "
Gen. Supt. Rys. C. D. Smith .. "
Claim Agt. R. D. Billings, ... "
Pur. Agt. R. J. Pike ..... "
Elec. Engr. C. A. Harrington "
Engr. Pwr. Prod.
H. W. Bromley .... "
Supts. Ovhd. Distrbn. D. Fleming ..... "; Undgrd. Distrbn. M. Goldlust ..... "
Ch. Engrs. C. V. Canning ..... "; Mark Pendleton .... Lowellville
Park Mgr. R. E. Platt ..... "

Pwr. sta. equip: 6 a. c. West. G. E. tot. 46,000 kva. 2200 v. 6 ph. 60 cys; 14,400 hp. b. Bab. & W. Heine: 45,000 kw. turb. (stm.) G. E: 1800 hp. turb. (wtr.) Smith; trans. volt. 22,000 & 66,000 v; trolley volt. 600 v.

6 sub-stas. tot. cap. 5,600 kw.; 13 rot. conv; 2 mo. gen. sets.

Power stas. at Lowellville Ohio. and at Ellwood City, Pa.; sub-stas. at Niles, Hubbard, Lowellville and Youngstown, Ohio, and New Castle and Sharon, Pa.

Repair shops at Hazelton and Masury, Ohio.

Reaches Idora Park (owned), South Side and Mill Creek Parks, Ohio and Cascade Park (owned), Newcastle, Pa.

119.37 miles (94.28 mi. 1st. m. t., 22.30 mi. 2nd m. t., 3.27 mi. sid.); 4-8½ g; 111 motor pass., 4 trail pass., 5 motor freight 6 trail freight, 18 motor service and 4 trail service cars. ★70

856 — Youngstown Munic. Ry.—Office 17 E. Boardman St. (A subsidiary of The Pennsylvania-Ohio Electric Co.) (Connects Youngstown, E. Youngstown, Poland and Struthers.)

Pres., R. P. Stevens, 60 Broadway, New York, N. Y.
V. Prests. & Gen. Mgrs. Garrett T. Seely, Youngstown; R. Montgomery "
Sec., F. E. Wilkin ..... "
Treas., E. G. Dunlap ..... "
Audr. G. E. Drury ..... "
Gen. Supt.
J. B. Stewart, Jr. ..... "
Asst. Gen Supt. Rufus Moses "
Pur. Agt., H. J. Warne ..... "
Claim Agt. B. C. Wood ..... "
Ch. Engr. Pwr. Sta.
W. R. Pounders ..... "
M. M., A. B. Creelman ..... "
Supt. M. of W. & Engr. Ovhd.
Constr., C. C. Beckman .... "

Pwr. sta. equip.: 2 d. c. West. tot. 1000 kw.: 4 a. c. West., G. E. tot. 11,000 kva. 2200 v. 2 ph. 60 cys.; 1000 hp. e Green Wheelock; 6500 hp. b. Heine. B. & W; 10,000 kw. stm. turb. G. E. West; trans. volt. 22,000 v; trolley volt. 600.

1 sub sta. cap 4000 kw.; 7 mo. gen. sets.

Pwr. sta. at North Ave., Youngstown.

Repair shops at Youngstown.

Reaches Idora Park,

59 miles; 4-8½g: 89 motor pass., 11 trail pass. and 11 service cars. ★70

860 — Youngstown & Suburban Ry. Co. — Office, 21-23 E. Front St. (Successor to Youngstown & Southern Ry. Co.) (Connects Youngstown and Leetonia; at Leetonia, connects with Youngstown & Ohio River R. R. for Salem, Canton, Alliance, Lisbon, East Liverpool and Washingtonville.) (Controlled by Municipal Service Co., Philadelphia, Pa.)

Sec. John E. Zimmerman, Philadelphia, Pa.
Treas. Joseph W. Swain, Jr. " "
Gen. Mgr. A. W. Hartford... Youngstown
M. M., Frank Gething..... "
Energy purchased from Y. & O. R. R. R. Co. trans. volt. 22,000 v; trolley volt. 650 v.
Repair shops at Youngstown.
Reaches Southern Park and Race Track (owned).
38.18 miles; 4-8½ g; 9 motor and 10 other cars. ★60

861—Republic Ry. & Lt. Co.—Corporate office, 15 Exchange Pl., Jersey City, N. J. (Owns directly the Relic Engineers, Inc. which owns the Zelienople (Pa.) Lt. & Pwr. Co.—Controls through stock ownership The Pennsylvania-Ohio Electric Co., which operates the Zelienople Lt. & Pwr. Co.—Owns and controls directly the following companies: New Castle Elec. Co., New Castle Elec. St. Ry. Co., The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co., New Castle Trac. Co., Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), The Shenango Valley Elec. Lt. Co., Pennsylvania Pwr. Co. Youngstown & Niles Ry.) Republic Corp. and Idora Park Amusement Co.
Pres. Harrison Williams, 60 Broadway, New York, N. Y.
V. Prests. { Gen. Counsel & Sec. Wm. M. Coleman. " " / R. P. Stevens..... " "
Asst. Sec. L. E. Kilmarx..... " "
Treas. L. J. Hart..... " "
119

ZANESVILLE. 30,863 (1916).

(See also No. 839).

862—The Southeastern Ohio Ry. Co.—Office, 129 N. 4th St. (Successor to The Southeastern Ohio Ry. Lt. & Pwr. Co.) (Connects Zanesville, Roseville and Crooksville.)
Pres. S. W. Harper.... Wheeling, W. Va.
V. Pres. & Gen. Mgr.
W. A. Wilson ..... Zanesville
Treas. & Audr. Wm. H. Nelkirk "
Ch. Engr. E. Davis..... "
Power sta. equip. 2 d. c. West. tot. 1200 kw; 1 a. c. West. 500 kw. 11,000 v. 3 ph. 60 cys; —— hp. e. H. O. & R; 1200 hp. b. Geary; trans. volt. 11,000 v; trolley volt. 550 v. d. c.
Power sta. at Elizabeth (no P. O.)
Repair shops at Avondale.
Controls Maxahala Park and reaches Beechwood Park.
16 miles; 4-8½ g: 12 motor and 7 other cars. (Co. sells energy for lighting and power.) 50

ZELIENOPLE.

(See No. 855.)

OKLAHOMA.

ARDMORE. 20,000 (1916).

863—Ardmore Railway Co.—Office, 608 Simpson Bldg. (Successor to Ardmore Elec. Ry.)
Pres. Edward Galt..... Ardmore
V. Pres. Wirt Franklin..... "
Sec. & Gen. Mgr. James Barron "
Treas. Roy M. Johnson..... "
Audr. A. P. Calvin..... "
Energy purchased from Consumers Lt. & Pwr. Co.
Repair shops at Ardmore.
3.37 miles; 4-8½ g: 4 motor pass. cars and 1 other car. 119

BARTLESVILLE. 12,000.

864—Bartlesville Interurban Co.—Office, 218 East 3d St., Bartlesville (Connects Bartlesville & Dewey.)
Pres. L. G. Coleman..... Bartlesville
V. Pres. & Gen. Mgr.
W. W. Lowe..... "
Sec., Treas. & Audr.
Wm. R. Morton..... "
Supt. & Pur. Agt.
Thos. F. Patterson..... "
Energy purchased from Bartlesville Gas & Elec. Co.
10.1 miles; 4-8½ g; 9 motor cars and 1 other car. ★50

CHICKASHA. 15,447 (1916).

865—Chickasha St. Ry. Co.—Office, Chickasha.
Pres. Lawrence Martin..... Chickasha
V. Pres. W. R. Emerson.. Wakefield, Mass.
Sec., Supt. & Pur. Agt.,
Wm. H. Wadsworth..... Chickasha
Treas. & Gen. Mgr.
Chas. F. Woodward... Wakefield, Mass.
Park Mgr. Ben. F. Johnson ... Chickasha
Power sta. equip. 1 d. c. G. E. 75 kw; 1 a. c. West. 200 kw. 2300 v. 3 ph. 60 cys; trolley volt. 600 v.
Repair shops at 19th St. & Dakota Ave.
Reaches University Park.
6.5 miles; 4-8½ g; 7 motor cars. 70

EL RENO. 7,872.

(See No. 873.)

ENID. 20,307 (1916).

866—Enid City Ry.—Office, 220 N. Main St., Dayton.
Pres. & Gen. Mgr.
C. H. Bosler..... Dayton, O.
V. Pres. E. T. Hall
702 Commercial Bldg., "
Sec. S. M. Krohn " " "
Treas. E. A. Hochwalt ..... "
Audr. Ruth Kimmell..... Enid
Supt., Claim & Pur. Agt. C. Kline.. "
M. M., A. L. Ruth..... "
Energy purchased from Enid Elec. & Gas Co.
Repair shops at West Oklahoma Ave.
Reaches University Park.
6.92 miles: 4-8½ g; 10 motor and 6 other cars. 60

FORT SILL. 109

(See No. 868.)

GUTHRIE. 12,035 (1916).

867—The Guthrie Ry. Co.—Office 218 W. Oklahoma Ave., Guthrie. (Controlled by Oklahoma Ry. Co.)
Pres. Geo. H. Brauer..... Oklahoma City
V. Pres. John W. Shartel.. "
Sec. Chas. Hoopes..... "
Treas. & Audr. E. J. Richart "
Claim Agt. Geo. W. Struble "
Supt. H. M. Gobble..... Guthrie
Asst. Supt. W. M. Partridge..... "
M. M., E. H. Cross..... "
Energy purchased from Public Service Co. of Oklahoma.
Repair shops at Guthrie.
Reaches Highland and Mineral Wells Parks.
6.5 miles; 4-8½ g; 9 cars. 119

LAWTON. 7,788.

868—Lawton Ry. & Ltg. Co.—Office, 226 "C" Ave., Lawton. (Connects Lawton & Fort Sill.)
Pres., Gen. Mgr. & Pur. Agt.
B. R. Stephens..... Lawton

V. Pres., Sec., & Treas.
F. H. Richmond.....Lawton
Audr. M A. Wert..... "
Supt. E. S. Morris..... "
M. M., L. I. Rosier..... "
Energy purchased from Comanche Lt. & Pwr. Co.; trolley volt. 600 v.
Repair shops at Lawton.
4-8½ g; 7 motor pass. cars.
★50

McALESTER. 18,504 (1916).

869—Pittsburgh County Ry. Co.—Office, 19 E. Choctaw Ave. (Absorbed the property of Choctaw Ry. & Ltg.Co.) (Connects McAlester, Talawanda Heights, Krebs, Alderson, Bache, Dow, Haileyville and Hartshorne.)
Pres. Chas. N. Mason,
165 Broadway, New York, N. Y.
V. Pres. Julius A. Trawick
Ames Bldg., Boston, Mass.
Sec. & Treas. L. W. Osborne
165 Broadway, New York, N. Y.
Audr., C. H. King, Jr.....McAlester
Gen. Mgr. & Pur. Agt.
J. C. Chestnut..... "
Supt. J. M. Putnam..... "
Gen. Fgt. & Pass. Agt.
A. W. Goodner..... "
M. M. J. L. Bogue..... "
Energy purchased from Choctaw Pwr. & Ltg. Co.; trans. volt. 22,000 v; trolley volt. 600 v.
Repair shops at McAlester.
24.43 miles; 4-8½ g; 11 motor pass., 8 trail freight and 2 service cars, 1 elec. loco. ★50

MUSKOGEE. 44,218 (1916).

870—Muskogee Electric Trac. Co.—Office, Muskogee. (Connects Bacone, Muskogee and Ft. Gibson.)
Pres., Louis K. Hyde....Plainfield, N. J.
V. Pres., R. D. Benson
11 Broadway, New York, N. Y.
Sec. Treas. & Pur. Agt.
W. M. Cutlip.....Muskogee
Audr. Chas. E. Forsdick,
11 Broadway, New York, N. Y.
Mgr. R. D. Long.....Muskogee
M. M., C. W. McCall..... "
Energy purchased from Muskogee Gas & Elec. Co.
Repair shops at Muskogee.
Reaches and owns Hyde Park.
31 miles; 4-8½ g; 35 motor and 2 other cars. 59

NOWATA. 3,672.

(See No. 330.)

OKLAHOMA CITY. 100,000. (1917.)

871—Capital Traction Co.—Office, 100½ No. Broadway, P. O. Box 424, Oklahoma City. (Operates Citizens' Trac. Co. which was organized as a consolidation of the lines of the Okla. City Land & Development Co. and the Okla. Interurban Trac. Co.)
Pres. & Gen. Mgr.
W. F Harn.....Oklahoma City
1st V. Pres. H. S. Hurst.... "
2d V. Pres. D. M. Wilson.. "
Sec. S. A. V. Howell..... "
Treas. Jno. F. Winans..... "
Supt. Geo. U. Harn, Jr.
22nd St. & Santa Fe Ave. "
Power sta. equip; 1 d. c. Ft. W. 150 kw; 1 e. (gas) I. H. Co; trolley volt. 550 v. Energy also purchased from Okla. Ry. Co.
Power sta. and repair shops at 22d St. & Santa Fe Ave.
Reaches North East Lake, State Capitol and park owned by city.
4 miles; 4-8½ g; 2 motor pass. and 2 other cars. 20

873—Oklahoma Ry. Co.—Office, 209 Terminal Bldg. (Operates in Oklahoma City and El Reno; also interurban lines connecting Oklahoma City, Yukon, El Reno, Britton, Edmond, Guthrie, Moore, Putman City, Bethany, Banner and Norman.)
Pres. Anton H. Classen... Oklahoma City
V. Pres. & Gen. Mgr. John W. Shartel "
Sec. & Asst. Opr. Mgr. Chas. Hoopes "
Treas. E. J. Richart..... "
Audr. W. C. Jones..... "
Pur. Agt. R. R. Evans..... "
Ch. Engr. & Asst. Plant Mgr.
G. B. Treat..... "
Claim Agt.
Geo. W. Struble..... Oklahoma City
Fgt. & Pass. Agt. A. E. Morris..... "
Elec. Engr. W. K. Danvers..... "
Ch. Engr. Pwr. Sta. W. A. Fullgraf. "
M. M., W. E. Voss..... "
Roadmaster, T. McMains..... "
Engr. of Ovhd. Constr. Wm. Hahn.. "
Power sta. equip. 5 a. c. West., G. E. Allis-C. tot. 13,000 kw. 6600 v. 3 ph. 60 cys.—380 v. 3 ph. 25 cys.; 1500 hp. c. F. & S; 3600 hp. b. B. & W; tot. 12,100 kw. stm. turb. G. E., West., Allis-C., trans. volt. 33,000—16,500 & 6600 v; trolley volt. 600 v.
7 sub-stas. tot. cap. 6600 kw; 12 rot. conv.; 4 mo. gen. sets.
Power sta. at Belle Isle.
Repair shops at Olie St. bet. 2d & 4th Sts.
Reaches Belle Isle.
134 miles; 4-8½ g; 100 motor and 48 other cars (Company sells energy.) 50

OKMULGEE. 6,000.

874—Okmulgee Trac. Co.—Office, Okmulgee. (Successor to Okmulgee Inter-Urban Ry. Co.)
Pres. E. M. Buxton
85 Exchange St., Portland, Me.
V. Pres. & Gen. Mgr.
M. M. Simons.....Okmulgee
Sec., Treas. & Audr. E. E. Fnstel..Tulsa
Energy purchased from Okmulgee Ice & Lt. Co.
Reaches Lake Park.
3.5 miles; 4-8½ g; 4 motor cars and 1 other car. 119

SAND SPRINGS. 6000.

(See No. 878.)

SAPULPA. 12,929 (1916).

875—Sapulpa Elec. Interurban Ry.—Office, Sapulpa. (Successor to Sapulpa & Interurban Ry. Co.) (Controlled by Oklahoma Union Ry. Co.) (Connects Sapulpa, Kiefer & Glen Pool.)
V. Pres. & Gen. Mgr. R. V. Miller, Tulsa
Sec. Allen Mc Reynolds....Carthage, Mo.
Treas. I. F. Crow..... ..Tulsa
Audr. S. W. Loss.....Sapulpa
Supt. & M. M.. J. F. Broome.... "
Claim Agt. J. H. Todd..... "
Ch. Engr. V O. Eastland..... "
Ch. Engr Pwr. Sta.
Guy Sheffield.....Sapulpa
Roadmaster. J. A. Ladd.....Tulsa
Supt. Ovhd. Constr. W. A. Corbett. "
Ch. Engr. Pwr. Sta. Walker Reeves "
Power sta. equip. 1 d. c. G. E. 200 kw; 300 hp. e. (gas) Bessemer; trolley volt. 600 v.
Power sta. and repair shops at Sapulpa.
12 miles; 4-8½ g; 8 motor and 2 other cars. ★50

SHAWNEE. 18,138 (1916).

876—Shawnee-Tecumseh Traction Co.—(Connects Shawnee and Tecumseh.)
Pres. Louis K. Hyde.....Plainfield, N. J.

V. Pres. R. D. Benson
11 Broadway, New York, N. Y.
Sec. W. M. Cutlip.....Muskogee
Gen. Mgr. R. D. Long.....Shawnee
Supt. A. L. Blackwell..... "
Energy purchased from Shawnee Gas & Elec. Co.; trolley volt. 600 v.
Repair shop at Shawnee.
Reaches Benson Park (owned).
12 miles; 4-8½ g; 10 motor pass. and 1 other motor car. 50

TECUMSEH. 1621.

(See No. 876.)

TULSA. 30,575 (1916).

878—Sand Springs Ry. Co.—Office, 35 North Main St., Tulsa. (Connects Tulsa and Sand Springs.)
Pres. & Treas. Chas. Page.....Tulsa.
V. Pres. T. H. Steffens..... "
Sec. C. F. Tingley..... "
Audr. Charles F. Smith..... "
Gen. Mgr. & Engr. Ovhd. Constr. Henry T. Morrison..... "
Supt. H. J. Miller..... "
Pur. Agt. J. S. Nicholas..... "
Industrial Agt. F. B. Long..... "
Ch. Engr. Clo. Tingley..... "
Elec. Eng. & Ch. Engr. Pwr Sta. Clarence Tingley..... "
M. M., J. E. Irwin.....Sand Springs
Traffic Mgr. J. S. Babbitt.....Tulsa
Energy purchased from Sand Springs Pwr., Lt. & Wtr. Co.
Repair shops at Sand Springs.
Reaches Sand Springs Park (controlled).
32 miles; 4-8½ g; 10 motor pass., 8 trail pass. 1 fgt. motor, 31 fgt. without motors and 13 service cars; 3 elec. and 2 stm. locos. (Company does lighting and power business.) 129

879—Tulsa St. Ry. Co.—Office, Tulsa. Gen. office, 220 N. Main St., Dayton.
Pres. C. H. Bosler.....Dayton, O.
V. Pres. W. H. Carr..... "
Sec. & Treas. D. W. Allaman. "
Gen. Mgr. Morris McGrath.....Tulsa
Supt. & Claim Agt. B. Hilburn.... "
M. M., John Renard..... "
Engr. M. of W. Wm. Layman..... "
Engr. Ovhd. Constr. Chas. Boulton "
Energy purchased from Public Service Co. of Oklahoma.
Repair shops at Tulsa.
17 miles; 4-8½ g; 45 motor pass. cars and 1 motor service car. ★60

880—Oklahoma Union Railway Co.—Office, 108 W. 4th St. (Successor to The Tulsa Traction Co., which acquired the Oklahoma Union Trac. Co.'s property in Tulsa). (Controls the Sapulpa Elec. Interurban Ry.) (Connects Kiefer, Sapulpa, Red Fork and Tulsa.)
Pres. G. C. Stebbins.....Tulsa
V. Pres. A. J. Biddison..... "
Sec. & Treas. I. F. Crow..... "
Audr. P. W. Loss..... "
Gen. Mgr. & Pur. Agt. R. V. Miller "
Claim Agt. J. H. Todd..... "
Ch. Engr. V. O. Eastland..... "
Elec. Engr. J. A. Patterson..... "
M. M., E. D. Nelson..... "
Roadmastar, J. A. Ladd..... "
Supt Ovhd. Constr. W. A. Corbett.. "
Power sta. equip. 1 d. c. G E. 200 kw. 300 hp. o. (gas) Bessemer; trans volt. 6600 v; trolley volt. 600 v. Energy also purchased from Sand Springs Power Co. and Public Service Co.
2 sub-stas. (1 with auto control) tot. cap. 300 kw; 1 rot. conv.
Repair shops at Tulsa.
Reaches Redfork Electric Park.
28 miles (25 mi. 1st m. t., 3 mi. sid.); 4-8½ g; 20 motor pass., 3 trail pass., 1 motor freight, 3 trail freight and 3 service cars. ★50

OREGON.

ALBANY. 4,275

(See No. 888.)

ASTORIA. 25,000 (1919)

881—Pacific Pwr. & Lt. Co.—Office, Gasco Bldg., Portland. (Operates street railways in Astoria, and controls Walla Walla Valley Ry. Co. which operates street railways in Walla Walla, Wash., and interurban line between Walla Walla, Wash., and Milton, Ore.) (Controlled by American Pwr. & Lt. Co., for which Electric Bond & Share Co. is fiscal agent.)
Pres. Guy W. Talbot..... Portland
V. Pres. & Gen. Atty. John A. Laing, "
Sec. & Treas. Geo. F. Nevins.... "
Gen. Mgr. Lewis A. McArthur.. "
Pur. Agt. P. J. Kean..... "
Ch. Engr. H. H. Schoolfield..... "
Distr. Mgr. B. P. Bally.....Astoria
Traffic Mgr. A. S. Dempsie..... "
Power sta. equip. (Astoria stm. plant); 2 d. c. G. E. tot. 525 kw; 3 a. c. G. E. tot. 1575 kw. 3 ph. 60 cys; 2150 hp. e. Mcl. &S; 1150 hp. b. Cahall; trans. volt. 2300 v; trolley volt. 600 v. Energy also purchased from Hammond Lumber Co; tot. 4100 kw.; trans. volt. 2200 v.
Power sta. and repair shops at foot of Astor St.
5.53 miles (Astoria lines): 3-6 g; 11 motor, 6 trail and 3 fgt. cars; 1 elec. loco. (Company does general lighting and power business. 60

CAZADERO.

(See No. 886.)

NORTH PORTLAND

882—Kenton Trac. Co.—Office, North Portland.
Pres. B. C. Darnall.....North Portland
V. Pres. Chas. H. Carey.....Portland
Sec. & Treas. Geo. F. Anderson.....North Portland
Audr. E. C. Veasy..... " "
Gen. Mgr. Geo. F. Heusner.....Portland
Supt. Chas. L. Brown.....North Portland
Energy purchased from Portland Ry. Lt. and Pwr. Co.; trans. volt. 15,000-2300 v; trolley volt. 600 v.
1 sub-sta. cap. 550 kw; 1 rot. conv: 1 mo gen. set.
4 miles (3½ mi. 1st m. t.; ½ mi. sid.); 3-6 g; 6 motor pass. and 2 trail pass. cars. ★60

OREGON CITY. 4,287.

(See also No. 886.)

883—Willamette Valley Southern Ry.—Office, 1512 Main St. (Connects Oregon City, Beaver Creek, Spangler, Mulino, Liberal, Molalla Hitchman, Monitor and Mt. Angel.) (Controlled by Portland Ry., Lt. & Pwr. Co.)
Pres. Grant B. Dimick.....Oregon City
V. Pres. Geo. A. Harding.... "
Sec. O. D. Eby..... "
Treas. W. A. Huntley..... "
Audr. C. M. Baker..... "
Traffic Mgr. Claim & Pur. Agt. Edwin Foster..... "
Supt. & Ch. Engr. J. L. Stacer "
M. M., F. D. Ellis..... "
Energy purchased from Portland Ry., Lt. & Pwr. Co.; trolley volt. 1200.
Sub-sta. equip.: 1 mo. gen. West. 717 kva. 2300 v. 3 ph. 60 cys; 1 d. c. 500 kw. 1200 v; 1 transf. 715 kva. 57,100/800 v. 3 ph. 60 cys.
Sub-stas. at Monitor & Beaver Creek,

Repair shops at Oregon City.
31.9 miles; 4-8½ g; 3 motor pass. and 3 trail pass. cars; 1 elec. loco. 119

PORTLAND. 295,463 (1916).

(See also No. 1180.)

884—Oregon Elec. R. R. Co.—Office Pittock Blk., Portland. (Connects Portland, Tigard, Tualatin, Hillsboro, Forest Grove, Woodburn, Salem, Albany, Harrisburg, Junction City, Eugene, and Corvallis. Physical connection with the Southern Pacific Co., at Albany and Salem for interchange of traffic.)

Pres. L. C. Gilman.....Portland
V. Pres. & Compt. W. F. Turner "
Sec. R. Crosbie..... "
Treas. M. Barger..... "
Gen. Mgr. A. J. Davidson..... "
Traffic Mgr. W. D. Skinner..... "
Supt.
G. E. Votaw..10th & Hoyt Sts.. "
Pur. Agt. Paul McKay..... "
Gen. Claim Agt. H. K Relf..... "
Supt. Car. Serv. & Tel. H. M. Huston, "
Asst. Gen. Fgt. Agt. R. W. Pickard, "
Asst. Gen. Pass. Agt. R. H. Crozier. "
Ch. Engr. A. J. Witchell..... "
Elec. Supt. E. R. Cunningham.
Front & Jefferson Sts.. "
Supt. Mot. Pwr. Jno. Dickson, "
M. M., D. I. Clough, 10th & Hoyt Sts., "
Roadmaster, C. W. Whifield, "

Energy purchased from Portland Ry., Lt. & Pwr. Co.; trans. volt. 60,000 v; trolley volt. 1300 v.

9 sub. stas. tot. cap. 10,000 kw; 13 rot. conv.

Repair shops at Hood & Porter Sts., Portland.

154 miles; 4-8½ g; 58 motor pass., 24 trail pass. 115 fgt. and 17 misc. cars; 10 elec. locos. ★70

885—Portland & Oregon City Ry. Co.—Office, 416 Lumbermens Bldg., Portland. (Connects Portland, Milwaukie, Clackamas and Bakers Bridge.)

Pres. J. L. Sprinkle.....Chinook, Mont.
V. Pres. Geo. W. Roberts, " "
Sec. Treas. & Gen. Mgr.
F. M. Carr.....20 E. 24 St., Portland
Audr. C. E. Sprinkle..... "
Ch. Engr. Ralph McIntire.....Milwaukie
M. M., S. Link.....Portland

Repair shops at Brooklyn.

Reaches amusement park.

16 miles; 4-8½ g; 2 motor pass., 2 trail pass. and 7 other cars; 3 gasoline locos. (Will extend line from Bakers Bridge, which is near Carver, to Highland, a distance of about 8 miles.) (Electrification contemplated.) 59

886—Portland Ry., Lt. & Pwr. Co.—Office, Elec. Bldg., Broadway and Alder St., Portland. (With the exception of two interurban lines, company operates all the electric railways in Portland and vicinity, including interurban lines to Oregon City, Troutdale, Cazadero and Bull Run and over the new interstate bridge to Vancouver, Wash.) (Controls through ownership of stock Willamette Valley Southern Ry. and Yamhill Electric Co.) (Under management of E. W. Clark & Co.)

Pres. Franklin T. Griffith.....Portland
V. Prests. { 1st F. I. Fuller "; 2nd. Orin B. Caldwell "; H. L. Clark 321. Chestnut St., Philadelphia, Pa.; E. W. Clark..... "
Sec. & Asst. Treas.
G. L. Estabrook, 321 Chestnut St., "
Treas. & Asst. Sec. C. N. Huggins Portland
Asst. Treas. Wm. Lilley, Philadelphia, Pa.
Audr. A. J. Johnstone.....Portland

Supts. { City Lines F. Cooper....Portland; Hydro. Plants A. Drill.. "; Inter. Lines G. C. Fields "; Bridges & Bldgs. J. E. Reinke "; Lt. & Pwr. C. P. Osborne "; Distribn. H. R. Wakeman "
Engrs. { Elec. E. H. LeTourneau. "; Constr. E. D. Searing.. "; Oper. R. R. Robley..... "; Hydraulic, T. W. Sullivan....Oregon City; M. of W., T. Pumfrey..Portland
Claim Agt. B. F. Boynton..... "
Traffic Mgr. F. D. Hunt..... "
Pur. Agt. W. J. Morris..... "
M. M., F. P. Maize..... "
Roadmasters { S. L. Banks, City Lines "; T. A. Harris, Interurban Lines "

OREGON CITY STA. B.—13 a. c. G. E. Allis-C. tot. 6280 kw. 3 ph. 33 & 60 cys; 2 d. c. Allis-C. tot. 1000 kw; 14,400 hp. turb. Victor, McC; trans. volt. 60,000-10,000 v.

NORTH PORTLAND STA. E.—5 a. c. G. E. tot. 12,500 kw. 3 ph. 60 cys; 18,500 hp. e. W. I. & S. Wks, Cor, Allis C., G. E: trans. volt. 10,000-33,000 v.

CAZADERO STA. G.—5 a. c. G. E, Allis-C. tot. 14,250 kw. 3 ph. 33 & 60 cys; 26,800 hp. turb. (wtr.) Victor; 1 turbo. mot. gen. set. for exctg. 125 hp; 1-400 kw. rot. conv. 600 v. 3 ph. 33 cys.; trans. volt. 57,100-33,000 v.

PORTLAND STA. L.—2 a. c. G. E. tot. 4000 kw. 10,000-2300 v. 3 ph. 60 cys; 1 d. c. G. E. 2000 kw. 600 v; 2800 hp. e. H. O. & R; 3000 hp. turb. (stm.) Curtis: 2 G. E. mot. gen. sets tot. 2000 kw. 11,000 v. a. c. 600 v. d. c.

SALEM STA. H.—1 d. c. G. E. 400 kw; 1 a. c. West. 250 kw. 3 ph. 60 cys; 2 mot. gen. sets tot. 525 kw; 2 G. E. frequency changers 1500 kw. 33 & 60 cys; 1600 hp. e. Cor, Fulton, L. & B, Stir; 800 hp. b; trans. volt. 57,100 v.

SILVERTON STA. J.—1 a. c. West. 250 kw. 3 ph. 60 cys; 700 hp. turb. West.

RIVERMILL STA. M.—3 a. c. G. E. tot. 9900 kw. 11,000 v. 3 ph. 60 cys; 18,900 hp. turb. Platt Iron Wks; 150 hp. turb for m. g. exciter set; trans. volt. 57,100 v.

ST. JOHNS STA. N.—1 a. c. Allis-C. 2500 kw. 11,000 v. 60 cys; 3350 hp. stm. turb. Parsons.

BULL RUN STA. O.—3 a. c. West. tot. 11,250 kva. 6600 v. 60 cys; 12,500 hp. turb. Platt Iron Wks; 6400 hp. turb. Wellman-Seaver-Morgan.

Total of station equip. 4 d. c. Allis-C, G. E. tot. 3400 kw; 34 a. c. Allis-C, West., G. E. tot. 61,130 kw. 3 ph. 33 & 60 cys. 2300-6600-11,000 v; 6600 hp. e. Ham, Cor, Wms. Iron & Steel; 27,850 hp. stm. turb, Parsons, Curtis; 73 600 hp. turb. Victor-McC, Platt. W. S. M.; trans. volt. 57,100, 33,000-11,000-57,100 v; trolley volt. 600 v.

Power stas. at Cazadero, Oregon City, Portland, Salem, Silverton, Rivermill, St. Johns and Bull Run.

Repair shops at Center St., Portland.

19 sub-stas.. tot. cap. 50,880 kw., 17 rot. conv; 27 mo. gen. sets.

Reaches "The Oaks" (owned), Council Crest, Hayden Island, City Park and Columbia Beach,

309.9 miles (does not include Willamette Valley Southern Ry.); 3-6 g. & 4-8½ g; 593 motor pass. 50 trail pass. 8 fgt. motor, 340 fgt. without motors and 129 service cars; 9 elec. and 2 stm. locos. (Company does general lighting and power business.) ★30†

887—Portland-Troutdale Electric Railway Co. Office, 7 Chamber of Commerce Bldg. (Part of the Portland Ry. Lt. & Pwr. Co.'s System. Connects Portland and Parkrose.

Pres. E. L. Thompson.....Portland
V. Pres. J. L. Hartman..... "
Gen. Mgr. Lewis I. Thompson... "
Supt. Lawrence Larson..... "
1.5 miles; narrow g; 2 motor pass. cars. ★60

888—Southern Pacific Co. (Portland Div.)—For executive officers, see San Francisco, Cal. (Extends from Portland to Corvallis, via Hillsboro, Forest Grove, St. Joseph and McMinnville; and from Portland to St. Joseph via Newberg. Operates city lines at Springfield, Salem, West Linn and Eugene (line connecting Springfield and Eugene, 4.11 miles) and (line out of Walling to Willamette, 6 miles.) Physical connection with the Oregon Elec. Ry. Co., at Albany, for interchange of traffic.)
Claim Agt. A. S. Rosenbaum....Portland
Supt. A. T. Mercier..... "
Elec. Engr. Paul Lebenbaum.... "
Div. Engr. & Engr. M. of W. H. M. Lull..... "
Signal Engr. P. Schultz..... "
Fmn. Sub-sta C. C. Hayden.....Oswego
Gen. Fmn. Shops Walter Harris.....Beaverton
M. M., D. M. McLaughlin.....Portland
Energy purchased from Portland Ry., Lt. & Pwr. Co; 7 a. c. G. E. 5040 hp., 13,200 v. 60 cys.
5 sub-stas. tot. 55' 0 kw; 4 rot. conv. 750 v. d. c.; trans. volt. 60,000 & 13,200 v; trolley volt. 1600 v.
Repair shops at Beaverton.
141.754 miles; 48½ g; 38 mo. and 11 other cars. 119

889—United Railways Co.—Office, Pittock Block, Portland. (Controlled by Spokane, Portland & Seattle Ry. Co.) (Connects Linnton, Burlington, N. Plains and Wilkesboro to Portland via junction at Linnton with the Spokane, Portland and Seattle Ry. Co. (stm. road.)
Pres. L. C. Gilman.....Portland
V. Pres. & Compt. W. F. Turner "
Sec. & Asst. Compt. Robt. Crosbie "
Treas. M. Barger..... "
Gen. Mgr. A. J. Davidson..... "
Supt G. E. Votaw..... "
Pur. Agt. Paul McKay..... "
Claim Agt H. K. Relf..... "
Ch. Engr. A. J. Witchell..... "
Elec. Supt. E. E. Cunningham.. "
Energy purchased from Portland Ry., Lt. & Pwr. Co; trans. volt. 34,000 v; trolley volt. 1300 v.
Repair shops at Hood & Porter Sts., Portland.
29 miles; 4-8½ g; 4 motor pass., 6 trail pass. and 14 trail freight. cars. ★70

SALEM. 20,278 (1916).
(See Nos. 884 and 888.)

SPRINGFIELD. 1,838.
(See No. 888)

UNION. 1,488.

890—Central R. R. of Oregon.—Gen. Office, Boston, Mass. Local Office. Union. (Purchased the Union St. & Suburban Ry.) (Connects Union, Union Jct., Hot Lake and Cove.)
Pres. Edwin Wilcock 164 Federal St., Boston, Mass.
V. Prests. V. T. Hammer, Branford, Conn.; Pur. Agt. R. H. England Rochester, N. Y.
Sec. S. L. Squier .....West Haven, Conn.
Treas. Chas. E. Graham 235 Wooster St., New Haven, Conn
Gen. Mgr. G. E Dunklee.....Union
Gen. Fgt. & Pass. Agt. A. I. Bideler "
Repair shops at Union
2.6 miles (elec.); 18 miles (stm.); 4-8½ g; 14 cars: 3 locos. (118 miles Union, Ore., to Walla Walla, Wash., under construction.) 50

PENNSYLVANIA.

ALLENTOWN. 63,505 (1916).
(See also No. 920.)

891—Allentown & Reading Trac. Co.—Office, 121 N. 5th St., Reading. (Controls Kutztown & Fleetwood St. Ry. Co.) (Connects Allentown, Kutztown and Reading.)
Pres. Geo. B. Schaeffer.....Reading
V. Pres. Sol. K. Hoffman.....Hamburg
Sec. I. A. Diener..... "
Treas. W. D. Mohn.....Mohntown
Supt., Pur. Agt. & M. M., M. Heffner.....Kutztown
Park Mgr. F. S. Kinsey.....Reading
Energy purchased.
Repair shops at Kutztown.
Owns Dorney Park.
47.1 miles; 5-2½ & 4-8½ g; 37 motor and 5 other cars; 1 snow plow. 50

892—Bethlehem & Nazareth Passenger Ry. Co.—Gen. office, Bethlehem. (Controlled, by lease, by the Lehigh Valley Transit Co.) (Connects Bethlehem and Nazareth.)
Pres. H. R. Fehr.....Allentown
Sec. & Treas. C. N. Wagner.... "
Gen. Supt. E. C. Spring..... "
Energy from Lehigh Valley Transit Co. trolley volt. 600 v.
Reaches park at Rittersville.
10 miles; 4 8½ g: 6 motor cars. 60

893—Lehigh Valley Transit Co.—Office. 14th & Gordon Sts., Allentown. (Successor to Lehigh Valley Trac. Co. and Philadelphia & L. V. Trac. Co., which was a consolidation with Allentown & L. V. Traction Co., the Allentown & Bethlehem Rapid Transit Co., Allentown Pass. Ry. Co., Bethlehem & So. Bethlehem St. Ry. Co., Catasauqua & Northern St. Ry. Co., So. Bethlehem & Hellertown St. Ry. Co., Allentown & Emaus St. Ry. Co., Coplay, Egypt & Ironton St. Ry. Co. and Allentown & Slatington Ry. Co.) (Connects Allentown, Chestnut Hill, Philadelphia, Bethlehem, Nazareth, Hellertown, Macungie, Egypt, Northampton, Slatedale, Slatington, Catasauqua, Richlandtown and Norristown.) (Leases Bethlehem & Nazareth Pass. Ry. Co., controls the Lehigh Valley Lt. & Pwr. Co. and the Easton Consolidated Electric Co. (which controls Easton Transit Co., the Easton, Palmer & Bethlehem St. Ry., the Phillipsburg Transit Co., the Edison Elec. Illuminating Co. of Easton and the Northampton Central St. Ry.); operates Norristown Transit Co. in which it owns one-half interest.) (In 1917, control acquired by Lehigh Pwr. Securities Corpn., which is under management of Electric Bond & Share Co.)
Pres. H. R. Fehr.....Allentown
V. Pres. & Gen. Mgr. H. H. Patterson..... "
Sec. & Treas. C. N. Wagner ... "
Andr. W. L. Davis..... "
Gen. Supt. E. C Spring..... "
Claim Agt. Wm. J. Trythall.... "
Pur. Agt. W. R Fehr..... "
Gen. Fgt. Agt. W. F. Fetherolf. "
Supt. Ovhd. Lines, H. L. Coker, "
Engr. M. of W., A. F. Smith.... "
Supt. Equip. W. C. Klein..... "
Supt. Pwr. E. D. G. Kline..... "
Power sta. equip. 6 a.c. turbo-gen. West., G. E., Curtis, tot. 40,812 kw. 2300 & 13,200 v 3 ph. 25 & 60 cys; 8300 hp. b. Bab. & W; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Madison & Chew Sts., Allentown and Fairview.

Owns Central Park at Rittersville.
166.54 miles; 4-8½ g; 198 pass., 21 misc. and 14 freight cars; 4 snow plows; 10 sweepers. (Co. sells energy.) ★60

894—Whitehall St. Ry. Co.—Office, Young Bldg. (Connects Egypt and Levans.)
Pres. Harry C. Trexler.....Allentown
V. Pres. E. M. Young..... "
Sec. Geo. G. Sykes..... "
Treas. Alonzo F. Walter..... "
Energy purchased from Lehigh Valley Transit Co.
Reaches Picnic Grounds at Egypt.
5 miles; 4-8½ g; rents cars from Lehigh Valley Transit Co. 50

ALTOONA. 58,659 (1916).

895—Altoona & Logan Valley Elec. Ry.—Office, 1200 11th St. (Controlled by the American Rys. Company, Philadelphia.) (Connects Altoona, Tyrone, Belwood and Hollidaysburg.)
Pres. Van Horn Ely
Witherspoon Bldg., Philadelphia
V. Prests. { H. J. Crowley " " / C. L. S. Tingley " "
Sec. & Treas.
Walter W. Perkins..... "
Asst. Sec., Asst. Treas. & Compt. Frank J. Pryor, Jr. "
Gen. Mgr. S. S. Crane.....Altoona
Claim Agt. S. B. Hare..... "
Pur. Agt., G. C. Weirick, 1321 Walnut St., Philadelphia
Supt. Constr. Francis Tingley...Altoona
Ch. Engr. of Pwr. Sta.
F. W. De Mart..... "
M. M. Robert Long..... "
Power sta. equip. 3 d. c G. E. tot. 1500 kw; 1 rot. conv. West. 500 kw. 6600-430 v. 3 ph. 60 cys; 2250 hp. e. McI. & S, Allis-C; 2100 hp. b. Bab. & W, Heine; trolley volt. 550 v. d. c; energy also purchased from Penn. Central Lt. & Pwr. Co.
Power sta. and repair shops at Altoona
Owns Lakemont Park.
54.28 miles; 5-3 g; 105 motor and 14 other cars. ★50

AVONDALE. 668.

(See No. 944.)

BANGOR. 5,369.

896—Bangor & Portland Trac. Co.—Office, 448 Bushkill St., Easton. (Connects Bangor, E. Bangor, Johnsonville, Mt. Bethel and Portland.) (In 1916, taken over by Northampton Trac. Co.)
Chrmn. Bd. Thomas A. H. Hay...Easton
Pres. Dr. B. F. Dilliard.....East Bangor
V. Pres., Gen. Mgr. & Pur. Agt. W. O. Hay .....Easton
Sec. & Audr. G. K. Smith..... "
Treas. Wm. L. Doyle..... "
Supt. Albert Warrick.....East Bangor
Claim Agt. Chas. Brunner.....Easton
Energy purchased from Penna. Utilities Co.; trolley volt. 550 v.
Repair shops at East Bangor.
8.75 miles; 4-8½ g; 7 motor and 2 other cars. 50

BEAVER FALLS. 13,532 (1916).

(See also No. 968.)

897—Patterson Heights St. Ry. Co.—Office, 1207-7th Ave., Beaver Falls. (Connects Beaver Falls and Patterson Heights.)
Pres. Harry W. Reeves.....Beaver Falls
V. Pres. Chas. R. May..... "
Sec. & Treas. John. T. Reeves "
Gen. Mgr. Fred Harn..... "
Elec. Engr. Geo. Erwin.... "
Energy purchased from Beaver Valley Traction Co.; trans. volt. 500 v.
0.5 miles (combined electric and cable incline); 4-8½ g; 1 motor pass. car. 50

BERWICK. 5,357.

898—Berwick & Nescopeck St. Ry. Co.—Office, 116 Market St., Berwick. (Connects Nescopeck and Berwick.)
Pres. Henry P. Field.....Berwick
V. Pres. M. Jackson Crispin..... "
Sec. & Treas. Geo. W. Hill...Beach Haven
Supt. Geo. Sterner.....Berwick
Energy purchased from Columbia & Montour Elec. Co.
Repair shops at Berwick.
1.66 miles; 4-8½ g; 2 motor cars 78

BETHLEHEM. 14,142 (1916).

(See also No. 892.)

899—Allen St. Ry. Co.—Office, Bethlehem Trust Bldg., Bethlehem. (Connects Nazareth and Bath.)
Pres. Chas. T. Hess.....Bethlehem
Sec. & Treas. Geo. H. Kressler "
Supt. W. B. Harper.....Mazareth
Energy purchased from Lehigh Valley Transit Co.; trolley volt. 600 v.
Repair shops at Christian Springs.
5.42 miles (5.17 mi. 1st m. t., 0.25 mi. sid.); 4-8½ g; 3 motor pass. and 2 motor service cars. ★50

BLOOMSBURG. 7,418.

900—North Branch Transit Co.—Office, Bloomsburg. (Connects Berwick, Bloomsburg, Danville and Catawissa.)
Receiver, A. W. Duy.....Bloomsburg
Supt., Pur. & Claim Agt. Douglass Ford..... "
M. M. Norman Fry..... "
Energy purchased from Columbia & Montour Elec. Co.
Car barn and repair shops at 7th St. & Berwick Road, Bloomsburg.
Reaches Columbia Park and Montour Park (owned).
30 miles; 4-8½ g; 25 motor and 4 trail cars; 3 sweepers. 50

BLUE BALL. 800.

(See No. 946.)

BOYERTOWN. 2,433.

901—Reading Transit & Light Co.—(Formerly The Boyertown & Pottstown Ry. Co.) (Connects Boyertown and Pottstown.) For officers see Reading, No. 1004.
Energy purchased from the Metropolitan Edison Co.; trans. volt. 15,000 v. and 3,200 v.
Repair shops at Reading and Pottstown.
Reaches Ringing Rocks Park.
12 miles; 5-2½ g; 22 motor cars. 50

BRADFORD. 14,544.

(See No. 727.)

BRISTOL. 10,608 (1916).

(See No. 978.)

BROWNSVILLE. 2,324.

(See No. 991.)

BUTLER. 27,632 (1916)

(See No. 987.)

CARLISLE. 10,726.

902—Cumberland Ry. Co.—Office, Newville. (Controls Carlisle & Mt. Holly Ry. Co., and Mt. Holly Springs Lt. Co.) (Connects Carlisle, Mt. Holly Springs, Elliotson, Plainfield, West Hill and Newville.)

Receivers { J. Harvey.....Carlisle & Treas. / Walter Stuart..... "

V. Pres. C. H. Bishop.....Lemoyne
Gen. Mgr. & Pur. Agt.
Geo. A. Plough .....Newville
Energy purchased from United Elec. Co., Lemoyne.
Reaches Mt. Holly Springs Park and Newville Glen Springs Park.
21.5 miles; 5-2½ g; 7 motor pass.; 1 trail pass. and 1 motor service car. ★50

903—Valley Railways.
For general officers, See Lemoyne.
Asst. Supt. J. O'Hara.....Carlisle
Park Mgr. H. B. Markley, Boiling Springs
Trans. volt. 13,200 v; trolley volt. 500 v.
Repair shops at Carlisle.
Reaches Boiling Springs.
22 miles; 5-2½ g; 10 cars. 10

CHAMBERSBURG. 12,380 (1916).

904—Chambersburg & Gettysburg Elec. Ry. Co.—Office, Chambersburg. (Connects Chambersburg, Fayetteville, Greenwood and Caledonia.)
Pres. M. C. Kennedy.....Chambersburg
V. Pres. Thos. B. Kennedy "
Sec. & Treas. W. L. Ritchey "
Audr., F. J. Fell, Jr.....Philadelphia
Supt. D. B. Fretz.....Chambersburg
M. M., C. W. Westling.... "
Energy purchased.
Repair shops at Chambersburg.
13 miles; 5-2½ g; 12 cars. ★50

905—Chambersburg & Shippensburg Ry. Co.—Office, North Second St., Chambersburg. (Connects Chambersburg, Greenvillage and Shippensburg.)
Pres. J. A. Strite.....Chambersburg
V. Pres. A. Nevin Pomeroy "
Treas. C. P. Miller..... "
Sec., J. G. Schaff..... "
Gen. Mgr., Pur Agt. & M. M. E. F. Goetz..... "
1 sub-sta.; 1 d. c. West. gen.
Energy purchased from Central Valley R. R; Co; trolley volt. 550 v.
Repair shops at North 2nd St., Chambersburg.
Reaches Red Bridge Park (owned.)
12 miles; 5-2½ g; 12 motor pass. cars and 2 other cars. 50

CHARLEROI. 11,931 (1916).

906—Webster, Monessen, Belle Vernon & Fayette City St. Ry. Co.—Office, Bank of Charleroi Bldg. (Connects Monessen, Belle Vernon, Arnold City and Charleroi.)
Pres. & Gen. Mgr.
C. F. Thompson..... Charleroi
V. Pres. Kerfoot W. Daly..... "
Sec. & Audr. R. W. Brown..... "
Treas. David M. McCloskey..... "
Supt. & Pur. Agt. D. Guy Callihan "
Claim Agt. T. H. Warrensford... "
Energy purchased from West Penn Pwr. Co.; trolley volt. 550 v.
Repair shops at Charleroi.
8.7 miles; 5-2½ g; 15 motor and 2 other cars. 70

907—Westside Elec. St. Ry. Co.—Office, Bank of Charleroi Bldg. (Connects No. Charleroi, Monessen, Charleroi, Bentleyville and Ellsworth.)
Pres. W. I. Berryman.....Charleroi
V. P. & Gen. Mgr.
C. F. Thompson..... "
Sec. & Audr. R. W. Brown..... "
Treas. Kerfoot W. Daly..... "
Supt. & Pur. Agt. D. Guy Callihan "
Claim Agt. T. H. Warrensford.. "
Ch. Engr. Wm. H. Stamm..... "
Energy purchased from West Penn Pwr. Co.; trolley volt. 550 v.
Repair shops and car house at Charleroi.
11 miles; 5-2½ g; 7 motor pass. cars; 1 elec. loco. ★70

CHESTER. 41,396 (1916).

908—Chester & Eddystone St. Ry. Co.—Office, 13th St. & Edgemont Ave. (Controlled and operated, under lease by Southern Pennsylvania Traction Co.) (Entire capital stock owned by Wilmington & Philadelphia Trac. Co.) (Connects Chester and Eddystone.) For officers, see No. 113.
2.4 miles; 5-2¼ g. 119

909—Chester Traction Co.—Office, 13th St. & Edgemont Ave. (Leases Union Ry. Co. of Chester; Chester, Darby & Philadelphia Ry., Chester & Media Elec. Ry., Chester St. Ry. and Chester & Delaware St. Ry. (Entire capital stock owned by Wilmington & Chester Trac. Co., which is controlled by United Pwr. & Transpt. Co.) (Controlled and operated under lease by Southern Pennsylvania Trac. Co.) (Connects Wilmington, Philadelphia, Media, Marcus Hook, Upland and Chester.)
Pres. Walter A. Rigg
Widener Bldg., Philadelphia
Sec. & Treas. T. W. Grookett, Jr., Reyburn-Bailey Bldg., "
Power sta. operated by Southern Pennsylvania Traction Co.
Power sta. at 4th Ave. & Penn St.
Repair shops at 13th St. & Edgemont Ave.
Reaches Chester Park and Shellpot Park, Wilmington, Del.
32.4 miles; 5-2¼ g; 102 cars. ★70

910—Southern Pennsylvania Trac. Co.—Office, Chester. (Controls and operates under lease Chester & Eddystone St. Ry. Co.. Chester Trac. Co., Delaware County & Philadelphia Elec. Ry. Co. and Media, Glen Riddle & Rockdale Elec. St. Ry. Co.) (Controlled by Wilmington & Philadelphia Trac. Co., which see for officers.) 119

CLAIRTON. 8,326.

911—Clairton St. Ry. Co.—General office, 435—6th Ave., Pittsburgh.
Pres. S. L. Tone.....Pittsburgh
V. Pres. J. H. Reed..... "
Sec. W. B. Carson..... "
Treas. C. J. Braun, Jr..... "
Compt. C. S. Mitchell..... "
Gen. Mgr. P. N. Jones..... "
For operating officials see Pittsburg Rys. Co.
Energy purchased from Carnegie Steel Co.
1.013 miles; 5-2½ g; 2 pass. motor cars. 50

CLEARFIELD. 8,000.

(See No. 983.)

CLIFTON HEIGHTS. 3 155.

912—Delaware County & Philadelphia Elec. Ry. Co.—Office, Clifton Heights. (Extends from Angora (Phila.) to Media, on Baltimore Ave.) (Stock owned by the United Power & Transpt. Co., which is controlled by the In-

terstate Rys. Co.) (Operated under lease by Southern Pennsylvania Trac. Co. which is controlled by Wilmington & Phila. Trac. Co.)
Pres. John A. Rigg.....Philadelphia
Sec. & Treas. T. W. Grookett, Jr.. "
70

COATESVILLE. 14,455 (1916).

(See also No. 1032.)

912a — Coatesville Trolley Co. — Office, 209 Bank Bldg., Coatesville. (Will extend from Coatesville to Modena and connect with Lancaster, via Conestoga Trac. Co. and West Chester, via West Chester St. Ry. Co.)
Pres., Henry S. Rich.....Marietta
V. Pres. Willis Keullig.. .....Lancaster
Treas., Chester C. Doan.....Coatesville
Gen. Mgr., R. H. Hendershott.. "
5 miles; 5-2¼ g; 4 motor pass. cars. (Under construction.) 59

COLLEGEVILLE. 621.

(See No. 968.)

CONNELLSVILLE. 15,455 (1916).

(See No. 991.)

CORRY. 5,991.

913—Corry & Columbus Trac. Co. —Office, 730 North Center St., Corry. (Successor to Corry & Columbus St. Ry. Co.) (Connects Corry and Columbus.)
Pres. & Gen. Mgr.
Oscar S. Fritz.....Corry
V. Pres. A. M. Howard..... "
Sec. & Treas. D. J. Fritz..... "
Power sta. equip. 1 d. c. C-W. 200 kw; 110 hp. s. (gas) Struthers, Wells; trolley volt. 550 v.
Power sta. and repair shops at Corry.
Reaches Recreation Park at Columbus, Fair Grounds, Race Track and Baseball Park at Corry.
4 miles; 4-8½ g.; 4 motor cars. (Extension to be built north from Columbus to Clymer, Sherman and Summerdale to Mayville, N. Y. connecting at that point with Chautauqua Trac. Co's line for Westfield, Chautauqua and Jamestown. ★70

DANIELSVILLE. 1,000.

914—Blue Ridge Traction Co.— Office, Danielsville. (Connects Danielsville, Edgemont, Berlinsville, Walnutport and Slatington.)
Pres. J. K. Hower.....Danielsville
Sec. H. H. Hower..... "
Treas., Gen. Mgr. & Pur. Agt.
C. C. Marsh..... "
Elecl. Engr. & M. M.,
Robt. F. Bartholomew..... "
Energy purchased from Lehigh Valley Transit Co.
Repair shops at Danielsville.
Reaches Edgemont Park (controlled).
7 miles; 4-8½ g; 6 motor and 4 other cars. (15 miles under construction.) (Company does lighting.) 119

DANVILLE. 7,517.

915—Danville & Sunbury Transit Co.—Office, 220 Mill St., Danville. (Will connect Danville, So. Danville, Riverside, Klines Grove and Sunbury.)
Pres. Simon Krebs.....Somerset
V. Pres. Geo. J. Krebs..... "
Sec. W. Fred. Jacobs.....Danville
Treas. Chas. P. Hancock.....Danville
Audr. Chas. F. Uhl, Jr..... .Somerset
Supt. Richard B. Hullihen.....Danville
Energy purchased from Columbia & Montour Elec. Co.
Repair shops at Danville.
Reaches Riverside park.
2.8 miles; 4-8½ g; 4 mo. pass. and 2 trail pass. cars. (Under construction—part in operation.) 119

DOWNINGTON. 3,226.

(See No. 1032.)

DOYLESTOWN. 3,406.

916—Philadelphia & Easton Elec-Ry. Co.—Office, 75 N. Main St., Doylestown. (Connects Doylestown and Easton.)
Pres. A. H. Sickler.....Philadelphia
V. Pres.
Amos Johnson.....Lambertsville, N. J.
Sec., Gen. Mgr. & Pur. Agt.
W. S. Chambers.....Doylestown
Treas. H. G. Rush.....Lancaster
M. M., Wm. F. Steele.....Raubsville
Roadmaster, Chas. Krial.....Revere
Energy purchased from Clymer Pwr. Co.
Repair shops at Raubsville.
32 miles; 5-2¼ g; 8 motor pass., 2 fgt. motor and 4 other motor cars. ★50

DUBOIS. 14,665 (1916).

917 — DuBois Traction Co.—(Controlled by DuBois Elec. & Trac. Co., which is operated by the United Service Co.) (The Keystone Utilities Co. has taken over the Du Bois Elec. & Trac. Co.) (Connects Falls Creek, Sykesville and Big Run.)
Pres., L. G. LaBar.....Scranton
V. Pres., W. B. Brubaker..... "
Sec. & Treas., W. H. Davis..... "
Mgr. Robt. B. Blakeslee.....Du Bois
Supt. M. E. Ginter..... "
Energy purchased from Du Bois Elec. Co.
Repair shops at Dubois.
Reaches Edgemont and Hands Parks.
5.2 miles; 4-8½ g; 9 motor cars and 1 other car. 119

918 — United Trac. St. Ry. Co.— Office, 12 E. Long Ave., Du Bois, Pa. (Connects Du Bois, Eriton, Stanly, Sykesville and Big Run, also Falls Creek on Du Bois Trac. Co's. line.)
Pres. & Gen. Mgr.
Austin Blakeslee.....Du Bois
V. Pres. M. E. Ginter..... "
Sec. & Supt. Irvin Blakeslee..... "
Treas. J. W. Schoch..... "
Energy purchased from Du Bois Elec. Co.
12.79 miles; 4-8½ g; 5 motor cars and 1 other car. 118

DUQUESNE. 19,964 (1916).

919—Duquesne & Dravosburg St. Ry. Co. — Office, First Natl. Bank Bldg. (Connects Duquesne & Dravosburg.)
Pres., Fred. W. Scott.
467 Union Arcade, Pittsburg.
Treas. & Asst. Secy., M. C. Briggs, Duquesne
Supt., M. A. Ryan.....McKeesport
Energy purchased from Pittsburg Rys. Co.
Repair shops at Kennedy Ave. & Mifflin St., Duquesne.
4 miles; 5-2¼ g; 2 motor pass. cars. 119

EASTON. 30,530 (1916).

(See also Nos. 896 and 916.)

930—Easton Transit Co.—Office, 14th & Gordon Sts., Allentown. (The Easton & So. Bethlehem Transit Co. has been merged into this company. Controlled by the Easton Consolidated Elec. Co., which in turn is controlled by the Lehigh Valley Transit Co.) (Connects Easton, Bethlehem, So. Bethlehem, Nazareth and Freemansburg.)
Pres. H. R. Fehr.....Allentown
V. Prests. { S. H. Hackett.....Easton
P. B. Sawyer
Hempstead, N. Y.
Gen. Mgr. H. H. Patterson....Allentown
Sec. & Treas. E. E. Wagner... "
Asst. Sec. & Asst. Treas. S. H. Sargent
1411 Chestnut St., Philadelphia
Pur. Agt. W. R. Fehr.....Allentown
Supt. W. E. Titus.....Easton
Claim Agt. W. J. Trythall.....Allentown
Engr. M. of W. A. F. Smith..... "
Supt. of Equip. W. C. Klein... "
M. M., C. A. Doud.....Easton
Line Foreman, F. E. Crick..... "
Energy purchased from Penn. Utilities Co.; trolley volt. 550 v.
Repair shops at Easton.
Reaches Oakland and Island Parks.
45.2 miles owned (39.8 mi. 1st m. t.; 3 mi. 2nd m. t., 2.4 mi. sid.); also 2.3 miles leased. Total miles operated 42; 4-8½ g. 68 motor pass., 16 trail pass., 8 motor service and 1 trail service car. ★60

931—Northampton, Easton & Washington Traction Co.—Receiver appointed Nov. 15, 1919.—Address, P.O. Box 253, Easton, 448 Bushkill St. (Connects Phillipsburg, Pa. and Washington, N. J.)
Receiver & Treas. Wm. L. Doyle...Easton
Chmn. Bd. Thomas A. H. Hay.... "
Pres. A. B. Haring....Frenchtown, N. J.
V. Pres. Gen. Mgr. & Pur. Agt.
W. O. Hay..... .....Easton
Sec. & Audr. G. K. Smith..... "
Supt. W. A. Coleman..Washington, N. J.
Claim Agt. C. B. Brunner.....Easton
M.M., Linden Gardner, Washington, N.J.
Power sta. equip. 2 d. c. G. E. tot. 550 kw; 900 hp. e. B. & W., Atlas; 900 hp. b. Mcl. & S; trans. & trolley volt. 585 v.
Power sta. and repair shops at Port Colden, N. J.
Reaches Silver Spring Forest (owned).
17 miles; 4-8½ g; 6 cars. (Contemplates building line to Hackettstown, N. J., 8 miles). ★50

932—Northampton Traction Co.—Receiver appointed Nov. 6, 1919.—Office, 448 Bushkill St. (Connects Easton, Tatamy, Nazareth and Bangor with direct connections for Delaware Water Gap & Stroudsburg.) (In 1916, acquired property of Bangor & Portland Trac. Co.)
Receiver, Chester Snyder.....Easton
Chmn. of Bd. Thomas A. H. Hay..Easton
Pres. A. B. Haring....Frenchtown, N. J.
V. Pres., Gen. Mgr. & Pur. Agt.
W. O. Hay.....Easton
Treas. Wm. L. Doyle..... "
Sec. & Audr. G. K. Smith..... "
Claim Agt. C. B. Brunner..... "
M. M. Chas. Eichman..... "
Roadmaster, Jacob Kahler..... "
Park Mgr. D. B. Skillman..... "
Energy purchased.
Reaches and owns Bushkill Park.
25 miles; 4-8½ g; 20 motor and 2 other cars. 50

EAST STROUDSBURG. 3,330.

(See No. 1017.)

ELIZABETHTOWN. 2,587.

(See Nos. 935 and 946.)

ELK LICK. 1,200.

923—Pennsylvania & Maryland St. Ry. Co.—(Connects Salisbury, Meyersdale and Garrett; will extend to Berlin and Somerset.)
Pres. C. H. Jennings.....Towanda
V. Pres., Gen. Mgr. & Pur. Agt.
H. H. Manst.....Elk Lick
Sec. & Treas. J. L. Barchus..... "
Elec. Engr. Bert Kidner.....Boynton
Engr. Pwr. Sta. A. Blocher.....Elk Lick
Power sta. equip. 1 d. c. Ridg. 300 kw; 500 hp. e. Ridg; 450 hp. b. Erie; trolley volt. 575 v.
Power sta. and repair shops at Boynton
12.5 miles; 4-8½ g; 4 cars. 50

EPHRATA. 3192

(See No. 948a.)

ERIE. 75,195 (1916).

(See Nos. 632, 927 and 957.)

GETTYSBURG. 4,030.

(See No. 904.)

GIRARD. 1,165.

927—Cleveland & Erie Ry. Co.—Address Box 43, Girard, Pa. General office at Elk Park. (Successor to Conneaut & Erie Trac. Co., and leases line in Ohio of same name.) (Connects Erie, Girard and East Springfield, Pa., and Conneaut, O.)
Pres. C. E. Willock.....Pittsburgh
V. Pres. Henry E. Fish.....Erie
Sec., Asst. Treas., Gen. Mgr. & Pur. Agt. J. M. Smith.....Girard
Treas. J. R. McDonald.....Erie
Audr., W. G. Fullerton.....Girard
Engr. Pwr. Sta. B. H. Sheldon North Girard
M. M., C. F. Doolittle..... " "
Roadmasters, { Eastern Div. F. W. Dasen.....Swanville; Middle Div. F. W. Iseli, East Springfield; Western Div. A. L. Everett,. "
Power sta. equip. 2 d. c. C.-W. tot. 800 kw; 1200 hp. e. Penn; 800 hp. b. Bab. & W; trolley volt. 550-575 v.
Power sta. and repair shops at Elk Creek, Pa. (No P.O.)
Reaches Elk Park (owned.)
31.29 miles; 4-8½ g; 8 motor and 6 other cars. 50

GIRARDVILLE. 4,396.

928—Schuylkill Railway Co.—General office, Girardville; executive and purchasing offices, 2035 Washington Avenue, Philadelphia, Pa. (Operates Schuylkill Lt. Ht. & Pwr. Co.) (Connects Mahanoy City, Shenandoah, Gilberton, Frackville, Mahonoy Plane, Girardville, Ashland, St. Clair and Pottsville and all intermediate points.
Pres. Powell Evans
2035 Washington Ave., Philadelphia
V. Pres. James D. Evans.... "
Sec. & Treas. C. E. Hanna.. "
Gen. Mgr. C. Sims Bailey.....Girardville
Supt. T. J. McAndrews..... "
Pur. Agt., J. Scott Pardoe..Philadelphia
Ch. Engr., D. L. Nicks....Mahonoy City
Elec. Engr. J. W. Hopkins...Girardville
Foreman Barn, Pat Coleman. "
Engr. Ovhd. Constr.
Geo. W. Michael..... "
Energy purchased from Schuylkill Gas & Elec. Co.
3 sub-sta; 6 rot. conv.
Repair shops at Girardville.
47 miles; 4-8½ g; 37 motor pass. and 5 other cars. (Company does general lighting and power business in Schuylkill Valley.) ★50

GREENSBURG. 15,483 (1916).

928a—**West Penn Rys. Co.** (Connects Youngwood, Greensburg, Jeannette, Irwin and Trafford City.) For general officers see Pittsburgh.
Supt. C. W. Michaels.....Greensburg
Repair shops at Greensburg.
Owns Oakford Park near Jeannette.
Mileage and equip. included in report of company at Pittsburg. 119

HANOVER. 7,057.

930—**Hanover & McSherrystown St. Ry. Co.**—Office, Hanover. (Connects Hanover, McSherrystown, Conewago Chapel and Littlestown.) (Operated by United Service Co.) (The Keystone Utilities Co. has taken over this property.)
Pres: F. B. Atherton.....Scranton
V. Pres. E. H. Ramsbotham.... "
Scc. & Treas. J. J. Grace..... "
Mgr. & Pur. Agt K. K. Garrett..Hanover
Park Mgr. E. M. Grumbine..... "
Energy purchased from Hanover Lt. Ht. & Pwr. Co; trolley volt. 500 v.
Repair shops at Hanover.
Owns Eichelberger Park and reaches Conewago Park.
11 miles; 4-8½ g; 15 motor and 2 other cars. ★50

HARRISBURG. 72,015 (1916).

(See also Nos. 552 and 969.)

931—**Harrisburg Rys. Co.**—Office, 12 So. Market Sq, Harrisburg. (Leases and operates the Middletown, Highspire & Steelton St. Ry. Co., Harrisburg Trac. Co. and Harrisburg City Pass. Ry. Co.) (Connects Harrisburg, Steelton, Highspire, Middletown, Hummelstown, Progress, Linglestown, Oberlin, Paxtang and Rockville.)
Pres. & Gen. Mgr.
Frank B. Musser.....Harrisburg
Sec. Treas. & Pur. Agt.
John O'Connell..... "
Asst. to Pres. C. F. Crane. .... "
Supt. Transp. F. M. Davis.... "
Claim Agt. C. L. Brinser..... "
Ch. Engr. D. B. Moist..... "
Elec Engr. P. F. Gerhart..... "
Ch. Engr. Pwr. Sta. John Gehr "
M. M., A. F. Rexroth..... "
Roadmaster, J. W. Anderson.. "
Power sta. equip. 3 d. c. Bull, tot. 1950 kw. connected to Allis-C. engines; 1 d. c. G. E. 1500 kw. connected to H. O. & R. Ham. Cor. engine; 1 d. c. C. W. 150 kw. connected to Harrisburg Ideal engine; 2825 hp. b. Tudor, Bab. & W; trans. volt. 6900 v.; trolley volt. 600 v.
1 sub-sta. cap. 1000 kw; 2 rot. conv.
Power for sub-sta. purchased from Harrisburg Lt &Pwr. Co.
Power sta. at South Cameron St.
Repair shops at Cameron & Forster Sts.
Reaches Paxtang Park (partly owned and leased).
78.51 miles: 5-2½ g; 134 motor pass. and 12 other motor cars. 50

HAZLETON. 28,491 (1916).

932—**Lehigh Traction Co.**—Office, 22-28 No. Wyoming St. (Connects McAdoo, Freeland, Drifton, Jeddo, Ebervale, Lattimer, Milnesville, West Hazleton and Jeanesville.) (The Wilkes-Barre & Hazleton R. R. Co. owns 92 p.c. of stock.)
Pres. A. Markle.....Hazleton
V. Pres., Gen. Mgr., Pur. Agt. & Park Mgr. C. B. Houck..... "
Sec. & Treas. N. C. Yost..... "
Audr. C. J. Kirschner..... "
Cashier, W. Wear..... "
Traffic Mgr. & Gen. Fgt. & Pass. Agt. G. A. Zeeb.....Haselton
Claim Agt. James P. Gorman... "
Elec. & Signal Engr.
Wm. Schwarts..... "
M. M., James Brown..... "
Engr. M. of W. Benj. Norris.... "
Energy purchased from Wilkes-Barre & Hazleton Ry. Co.
2 sub-stas. tot. cap. 1600 kw; 4 rot. conv.
Repair shops at Hazle Park.
Reaches and owns Hazle Park.
26 miles; 4-8½ g; 33 pass. and 8 other cars. 50

933—**Wilkes-Barre & Hazleton Ry. Co.**—Office, 22-28 No. Wyoming St., Hazleton. (Connects Wilkes-Barre and Hazleton; runs over 1½ miles of Lehigh Trac. Co's. tracks.) (Controls Anthracite Power Co.) (Owned by Wilkes-Barre & Hazleton R. R. Co.)
Pres. A. Markle.....Hazleton
V. Pres., Gen. Mgr. & Pur. Agt. C. B. Houck..... "
Sec. & Treas. N. C. Yost..... "
Audr. C. J. Kirschner..... "
Cashier, W. Wear..... "
Claim Agt. James P. Gorman... "
Traffic Mgr., Gen. Fgt. & Pass. Agt. G. A. Zeeb..... "
Elec. & Signal Engr. & Engr. Overhead Constr. John Warner "
Ch. Engrs. { Wm. Hopkins..... "
Pwr. Sta. } Lew Welliver..... "
M. M. James Brown..... "
Engr. Maint. of Way, Benj. Norris "
Power sta. equip. 3 a. c. W. E. tot. 1900 kw. 390 v. 3 ph. 25 cys: 1800 hp. e. Brown: 2100 hp. b. Heine; 2000 kw. turb. (stm.) West; trans. volt. 15,750 v; trolley volt. 625 v.
Power sta. at St. Johns.
Repair shops at Hazle Park.
Reaches Hazle Park (owned by Lehigh Trac. Co.)
29 miles (3d rail); 4-8½ g; 10 pass., 1 fgt. motor, 5 fgt. and 10 other cars; 1 elec. loco. 50

934—**Wilkes-Barre & Hazleton R. R. Co.**—Offices at Hazleton, Pa., and Jersey City, N. J. (Owns the Wilkes-Barre & Hazleton Ry. Co., the Wilkes-Barre Term. R.R. Co. and 92 p.c. of stock of Lehigh Trac. Co.)
Pres. A. Markle..... Hazleton
V. Pres. C. B. Houck..... "
Sec. N. C. Yost..... "
Asst. Sec. A. Markle, Jr. ..... "
Treas. W. H. Remick....New York, N. Y. 50

HECLA.

(See No. 991.)

HERSHEY. 2,347.

935—**Hershey Transit Co.**—Office Hershey. (Connects Palmyra, Hummelstown, Hershey, Campbelltown, Lebanon and Elizabethtown; at Elizabethtown connects with the lines of the Conestoga Trac. Co., at Hummelstown with lines of Harrisburg Rys. Co. and at Lebanon and Palmyra with lines of Reading Transit & Lt. Co.)
Pres. Wm. F. R. Murrie.....Hershey
V. Pres. Wm. H. Lebkicher..... "
Audr. T. L. McHeffey..... "
Supt. & Pur. Agt. J. R. Kreider.. "
Engr. Maint. of Way, H. N. Herr "
Park Mgr. A. T. Hellman..... "
Power sta. equip. 1 d. c. Westg. 150 kw; 250 hp. e. B. &W. (stm. purchased); ——kw. Gould stor. bat; trolley volt. 550 v.
Power sta. at Hershey.
Repair shops at Hershey and Lebanon.
Reaches Hershey Park (owned by M. S. Hershey).
35 miles; 5-2½ g; 23 motor and 4 other cars. ★70

HOMESTEAD. 22,466 (1916).

936—Homestead & Mifflin St. Ry. Co.—Office, 805 Amity St., Homestead. (Connects Homestead, Homestead Park and Lincoln Place.)
Pres. J. B. Coen.....Homestead
V. Pres. Hugh L. Nevin..... "
Sec. Harry E. McWhinney.. "
Treas. & Supt. C. H. Knapp. "
Audr. Fred J. Hahn..... "
Claim Agt. R. C. Davis
Union Arcade, Pittsburg
M. M., J. C. Schweinberg....Homestead
Energy purchased from Pittsburg Rys. Co.
Repair shops at Main St., Homestead Park.
3.25 miles; 5-2½ g; 11 motor passenger cars and 1 other car. ★50

HUMMELSTOWN. 2,128.

(See Nos. 931 and 935.)

HUNTINGDON. 6,861.

937—Huntingdon, Lewistown & Juniata Valley Trac. Co.—Office, 416 Penn St., Huntingdon. (Will connect Huntingdon, Mt. Union, Mill Creek, Allensville, Belleville and Reedsville.)
Pres. R. J. Mattern.....Huntingdon
Sec. J. R. Simpson..... "
Treas. & Gen. Mgr.
F. Blair Isenberg..... "
Supt. R. M. Peightal..... "
M. M., H. P. Grove..... "
Energy rented from Penn Central Lt. & Pwr. Co.; 1 a. c. Ft. W. 550 kw; 1 d. c. Ft. W. 182 kw; trans. volt. 2300 v; trolley volt. 550v.
Repair shops at Huntingdon.
1.75 miles in operation; 6 cars. 119

INDIANA. 5,749.

937a—Indiana County St. Rys. Co.—Office, 28 So. Seventh St., Indiana. (Connects Indiana, Clymer, Ernest, Creekside, Homer City, Graceton, Coral, Josephine, Blacklick and Blairsville.)
Pres. F. M. Fritchman.....Indiana
Sec. & Treas. John G. St. Clair.. "
Gen. Mgr. & Pur. Agt.
W. M. Seiple..... "
Supt. Ira C. Fine..... "
Elec. Engr. L. W. Householder... "
M. M., George Lovelace..... "
Roadmaster, Wm Kinter..... "
Energy purchased.
2 sub-stas. tot. cap. 800 kw; 1 rot. conv; 1 mo. gen.
Repair shops at Indiana.
Reaches & owns Chestnut Grove Idlewood and Locust Parks.
36 miles; 4-8½ g; 8 motor pass., 1 motor freight and 1 motor service car. ★60

IRWIN. 2,886.

938—The Irwin-Herminie Trac. Co.—Office, Irwin. (Connects Irwin, Fairmont, Hahntown, Chambers, Rilliton and Herminie.)
Pres. & Gen. Mgr. C. H. Bolton Irwin
V. Prests. { R. A. Troop.... Pittsburg
{ Treas. L.H. Taylor....Irwin
Sec. & Audr. Jas. I. Marsh..... "
Ch. Engr. Milton Campbell..... "
Elec. Engr. & Engr. Ovhd. Constr.
Frank Barnard.....Larimer
Engr. M. of W., Edward Wilson.Herminie
Energy purchased from West Penn Elec. Co.; trans. volt, 2200 v; trolley volt. 550 v.
Repair shops at Irwin.
5.5 miles owned; also 0.25 miles trackage rights. 5-2½ g; 3 motor pass. and 3 freighters. (Will extend line to Export.) ★50

JERSEY SHORE. 5,381.

939—Jersey Shore & Antes Fort R. R.—Office, Jersey Shore. (Connects Jersey Shore, Antes Fort and Nippono Park.)
Pres. Robt. McCullough....Jersey Shore
V. Pres. Robt. Cameron.... "
Sec. J. F. Persons..... "
Treas. G. J. Deniston..... "
Gen. Mgr. & Pur. Agt.
C. B. McCullough..... "
M. M., J. M. Campbell..... "
Roadmaster
Henry Corstetler,.....Antes Fort
Energy purchased from Jersey Shore Elec. St. Ry. Co.
Repair shops at Jersey Shore.
2.75 miles (2.5 mi. 1st m. t., 0.25 mi. sid.); 4-8½ g; 2 motor pass., 1 motor freight and 1 motor service car. ★50

940—Jersey Shore Elec. St. Ry. Co.—(Owned by Lycoming Improvement Co., Williamsport, Pa.) (Connects Jersey Shore, Vilas and Avis).
Pres. & Gen. Mgr.
Ernest H. Davis.....Williamsport
Sec. & Treas. J.W.Cochran,Jr "
Audr. H. H. Hill..... "
Supt. & Pur. Agt.
Lloyd Thomas.....Jersey Shore
Power sta. equip. 2 a. c. Westg. tot. 230 kw. 2 ph. 60 cys; 1000 hp. e. Nord, Cor; 775 hp. b. Keeler, Bab. & W.
Power sta. and repair shops at Railway and Culvert Sts.
Reaches Avis Base Ball Park.
5.1 miles; 4-8½ g; 15 cars; 1 snow plow. 50

JOHNSTOWN. 68,529 (1916).

(See also No. 1015.)

941—Johnstown Trac. Co.—Office, Central Ave. (Connects Johnstown and Windber.) (Formed by merger of the old Johnstown Trac. Co. and its leased line, the Johnstown Pass. Ry. Co.)
Pres. E. M. Du Pont.....Johnstown
V. Prests. { J. M. Murdock.... "
{ L. L. Dunham, New York, N. Y.
Sec. & Treas. Jos. McAneny..Johnstown
Gen. Mgr. L. T. Shannon.... "
Claim Agt. J. Earle Ogle..... "
Ch. Engr. G. Nelson Smith... "
Ch. Engr. Pwr. Sta.
Harry Crovle..... "
M. M., D. H. Harrison..... "
Power sta. equip. 3 d. c. Westg. tot. 1500 kw; 2250 hp. e. St. L. H. O. & R; trolley volt. 550 v.
Power sta. at Baumer St.
Repair shops at Central Ave.
Reaches Luna and Island Parks.
38.9 miles; 4-8½ g; 72 motor and 34 other cars; 2 snow plows and 2 sweepers. ★50

942—Southern Cambria Ry. Co.—Address, P. O. Box 863, Johnstown. (Connects Johnstown, South Fork, Ebensburg and Nanty Glo.)
Pres. P. J. Little..... .....Ebensburg
V. Pres. Hon. Geo. M. Werts.Johnstown
Sec. C. T. McCormick..... "
Treas. Fred Krebs..... "
Gen. Mgr. & Pur. Agt.
George Palm.... "
Engr. Pwr. Sta. W. H. Wakefield
R. F. D. No. 1, Covemaugh
Engr. M. of W., A. V Little..Ebensburg
Power sta. equip. 2 d. c. G. E. tot. 1600 kw; 2400 hp. e. F. & S; 900 hp. b. Bab & W.; trolley volt. 1200 v.

Power sta. and repair shops at Brookdale Reaches Woodland Park.
30.5 miles (26 mi. 1st m. t., 4.5 mi. sid.); 4-8½ g; 10 motor pass., 2 motor freight and 5 trail freight cars. ★60

KENNETT SQUARE. 2,049.

944—West Chester, Kennett & Wilmington Elec. Ry. Co. (Absorbed Oxford, Westgrove & Avondale St. Ry. Co.) (Connects Avondale, Toughkenamon, Kennett Square, Westgrove Pa. and Yorklyn, Hockessin and Wilmington, Del.)
Pres. Geo. Kessler,
931 Drexel Bldg., Philadelphia
V. Pres. Clarence L. Harper..... "
Sec. & Treas. Philip E. Guckes.... "
Gen. Mgr. & Pur. Agt.
B. F. Wickersham....Kennett Square
Gen. Frt. & Pass. Agt.
H. G Evans..... "
M. M., Frank Roser .... "
Roadmaster, M. O'Laughlin "
Power sta. equip. 2 d. c. C-W. tot. 700 kw; 1000 hp. e. Clark; 1000 hp. b. Stir; trolley volt. 600 v.
Power sta. and repair shops at Kennett Square.
Reaches Brandywine Springs, Del. and West Grove, Pa.
26.4 miles; 5-2 g; 6 motor pass., 4 fgt. motor cars and 1 other car. ★50

KITTANNING. 4,311.

945—West Penn. Rys. Co.—(Connects Kittanning, Manorville and Ford City.)
For executive officers see Pittsburgh.
Supt. Luther Widdowson....Kittanning
Repair shops at Garrets Run.
Controls Lenape Park.
10.33 miles; 4-8½ g; 12 motor pass., 2 work cars and 1 other car. 119

LANCASTER. 50,853 (1916).

(See also No. 912a.)

946—Conestoga Traction Co. Office, Orange St. (Leases and operates Lancaster City St. Ry., Lancaster & Lititz Ry., Lancaster, Willow St., Lampeter & Strasburg Ry., Lancaster & Columbia Ry., Lancaster & Millersville Ry. Co., Elizabethtown & Florin Ry., Columbia & Ironville Ry., Columbia & Donegal Ry., Lancaster, Mechanicsburg & New Holland Ry., Lancaster, Petersburg & Manheim Ry., Christiana & Coatesville St. Ry. Co. (which connects Philadelphia, Coatesville and Lancaster). Lancaster & Rocky Springs Ry., Ephrata & Adamstown Ry., Lancaster & Quaryville St. Ry., Rohrerstown, Landisville & Mt. Joy Ry., Lancaster & Eastern St. Ry. (which connects Lancaster, Williamstown, Leaman Place, Gap and Christiana) and New Holland, Blue Ball & Terre Hill St. Ry. Co. (which connects Blue Ball and Terre Hill with New Holland and Lancaster.) (The common stock of this company is owned by Lancaster County Ry. & Lt. Co., which is controlled by United Gas & Elec. Corpn.)
Pres. W. W. Griest.....Lancaster
V. Pres. Geo. Bullock
61 Broadway, New York, N. Y.
Sec. & Treas.
Anna E. Ranck .....Lancaster
Gen. Mgr. R. B. Hull..... "
Claim Agt. R. N. Eby..... "
Gen. Fgt. Agt. C. E. Hoffman. "
Gen. Supt. H. W. Brubaker... "
Supt. of Trans. David R. Baker "
Engr. H. W. Crawford..... "
Energy purchased from Penn. Wtr. & Pwr. Co., Holtwood; gen. sta. held in reserve; sub-stations at Neffsville, Reamstown, Lampeter, Groffdale, Salunga, Martinsville, Vintage, Rheems, Parkesburg and Columbia.
Repair shops at Lancaster.
Reaches Rocky Springs Park; controls Chickie's Park.
163.75 miles; 5-2½ g; 122 motor pass., 42 other motor and 5 other cars. 50

947—Lancaster County Ry. & Lt. Co.—(Controls through ownership of all or a majority of the common stock, Conestoga Traction Co., (which owns all the stock of the Conestoga Realty Co.) Edison Elec. Co., Lancaster Elec. Lt., Ht. & Pwr. Co. and Lancaster Gas, Lt. & Fuel Co., (which owns a majority of the common stock of the Columbia Gas Co.) Controlled by United Gas & Elec. Corpn., New York, N. Y.)
Pres. W. W. Griest.....Lancaster
V. Pres. Geo Bullock,
61 Broadway, New York, N. Y.
Sec. & Asst. Treas.
John A. McKenna,
61 Broadway, " "
Treas. Arthur L. Linn, Jr.,
61 Broadway, " "
Asst. Sec. & Asst. Treas,
Anna E. Ranck .....Lancaster
Gen. Mgr. R. B Hull..... "
60

LANSFORD. 10,477 (1916).

(See No. 998.)

LATROBE. 11,398 (1916).

(See No. 991.)

LEBANON. 33,000 (1919).

(See also No. 935.)

948a—Ephrata & Lebanon St. Ry. Co.—Office, Lebanon. (Property operated by Ephrata & Lebanon Trac. Co.)
Pres. A. E. Lane.....Ephrata
V. Pres. Henry O. Evans,
Oliver Bldg., Pittsburg
Sec. Geo. D. Krause.....Lebanon
Treas. H. H. Ulrich..... "
Gen. Mgr. H. A. Albin..... "
Audr. F. W. Kreider..... "
50

948b—Ephrata & Lebanon Trac. Co.—Office, 8th & Walnut Sts., Lebanon. (Operates the property of the Ephrata & Lebanon St. Ry. Co.) (Connects Ephrata, Lincoln, Weidmansville, Clay, Hopeland, South Mountain, Kleinfeltersville, Schaefferstown, Reistville, Iona and Lebanon.)
Pres. A. E. Lane.....Clay
1st V. Pres. A. B. Glovinger.....Lebanon
2d V. Pres. Henry O. Evans
Oliver Bldg., Pittsburg
Sec. Geo. D. Krause.....Lebanon
Treas. H. H. Ulrich..... "
Audr. F. W. Kreider..... "
Gen. Mgr., Supt. & Pur. Agt.
H. A. Albin..... "
M. M., John Ritter..... "
Engr. M. of W. M. F. Witmer...Reistville
Engr. Ovhd. Constr.
S. H. Suter.....Kleinfeltersville
Energy purchased: trans. volt. 11,000 v. 8 hp. 25 cys; trolley volt. 600 v.
2 sub-stas. tot. cap. 1000 kw; 2-500 kw. rot. conv.
Repair shops at Lebanon.
23.1 miles; (overhead catenary). 5-2½ g; 5 motor and 6 other cars. ‡50

949—Reading Transit & Lt. Co. (Lebanon Div.—Office, 742 Cumberland St. Ry. Co. (Leases the Lebanon Valley St. Ry. Co. (stock owned by The United Pwr. & Transpt. Co.) connecting Myerstown, Avon, West Lebanon,

Palmyra, Annville and Independent (District.) For general officers, see Reading, (No. 1004.)
Div. Supt. Thomas A. Dunlap..Lebanon
Energy from Metropolitan Edison Co.; trolley volt. 600 v.
Repair shops at 15th & Cumberland Sts.
25.23 miles; 5-2½ g; 20 motor pass., 1 fgt. motor and 5 other cars. 50

LEECHBURG. 3,624.

950—West Penn. Rys. Co.—(Connects Apollo, Vandegrift, Hyde Park and Leechburg.) For general officers, see Pittsburgh.
Supt. J. H. Silvia.....Leechburg
Repair shops at Leechburg.
Reaches and controls Allison Park near Apollo.
8.5 miles; 5-2½ g; 6 motor pass cars; 1 work car. 119

LEMOYNE. 1,393.

951—Valley Rys.—Office, Lemoyne (Controls Harrisburg & Mechanicsburg Elec. Ry Co . West Fairview & Marysville Elec. St. Ry. Co., White Hill & Mechanicsburg Pass. Ry. Co., Carlisle & Mechanicsburg St. Ry. Co. (Connects Harrisburg, Camp Hill, Shiremanstown, Mechanicsburg, Boiling Springs, Carlisle, New Cumberland, White Hill, Lemoyne, Marysville, Wormleysburg, Fairview and Enola.)
Pres. & Pur. Agt. C.H.Bishop, Lemoyne
Sec. & Treas.
C. M. Davison.....Chambersburg
Ch. Engr. & M. M.A.S.Bentz, Lemoyne
Elec. Engr. J. C. Thompson... "
Engr. M. of W.
Edw. A. Shissler..... "
Park Mgr. H.B.Markley, Boiling Springs
Energy purchased from United Elec. Co., Lemoyne, Pa.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Lemoyne.
Reaches and controls Boiling Springs Park.
44 miles; 5-2½ g; 39 cars. 10

LEWISTOWN. 10,733 (1916).

952—The Lewistown & Reedsville Elec. Ry. Co.—Office, 41 W. Market St., Lewistown. (Connects Lewistown, Lewistown Junction, Reedsville, Yeagartown and Burnham.)
Pres. & Pur. Agt.
J. I. Quigley.....Lewistown
V. Pres. John E. Zimmermann
611 Chestnut St., Philadelphia
Sec. & Treas. Chas. Day
611 Chestnut St., "
Audr. & Claim Agt.
G. T. Hawke.....Lewistown
Gen. Mgrs. & Engrs. Day & Zimmermann
611 Chestnut St., Philadelphia
Supt. C. E. Gossard.....Lewistown
Power sta. equip. (reserve) 3 d. c. Westg. tot. 1036 kw; 900 hp. e. West, H. F. & M.; 650 hp. b. Bab. W., H. F. & M.; trans. volt. 600 v; trolley volt 600 v.
1 substa. cap. 1100 kw; 3 West. rot. conv.
Energy purchased from Penn Central Lt. & Pwr. Co.
Power sta. and repair shops at Lewistown.
Reaches and operates Kishacoquilla Park.
10.5 miles; 4-8½ g; 25 motor pass. cars, 1 other motor and 1 other car. 119

LINGLESTOWN.

(See No. 931.)

LOCK HAVEN. 7,772.

953—Susquehanna Traction Co.—Office, Lock Haven (Connects Lock Haven, Flemington and Mill Hall.)
Pres. & Treas. P. P. Griffin..Lock Haven
Sec. Henry Hipple..... "
Gen. Mgr. & Pur. Agt.
Hamilton Baluss..... "
M. M., William Whiting... "
Power sta. equip. 2 d. c. West. tot. 300 kw; 460 hp. e. Quincy; 200 hp. b. Phoenix; trolley volt. 550 v.
Power sta. and repair shops at Peach & Pearl Sts., Lock Haven.
5.5 miles; 4-8½ g; 7 motor pass; 4 trail pass. and 3 motor service cars. ★70

LYKENS. 2,943.

(See No. 1040.)

McDONALD. 3,500.

953a—West Penn. Rys. Co. (Connects Oakdale and McDonald.) For general officers, see Pittsburgh.
Supt. B. J. Kenney..... .McDonald
4.4 miles; 5-2½ g; 2 motor pass. cars. 119

McKEESPORT. 47,521 (1916).

(See also Nos. 990 and 991.)

954—West Penn Rys. Co. (Operates between Irwin, McKeesport, **Duquesne, Versailles and Scott Haven.** For general officers see Pittsburgh.
Supt. Joseph Black.....McKeesport
Reaches and owns Olympia Park at Versailles.
Mileage and equip. included in report of company at Pittsburgh. 119

955—Highland Grove Trac. Co.—General office, 539 Jerome St. (Connects McKeesport and North McKeesport.)
Pres. T. H. Bowman.....McKeesport
Sec. & Treas. S. W. Bowman. "
Gen. Mgr. & Pur. Agt.
John M. Lyle..... "
Supt. & Elec. Engr.
Fred Lang.....North McKeesport
Energy purchased from Pittsburg Rys. Co.
Repair shops at North McKeesport.
2 miles owned; also 1 mile leased, total miles operated 3; 4-8½ g; 3 motor pass. cars and 1 other car. (Contemplates building a line between McKeesport and East Pittsburg.) ★50

MAHANOY CITY. 17,463 (1916).

(See No. 928.)

MAHONINGTOWN.

(See No. 855.)

MARS. 1,800.

(See No. 987.)

MASONTOWN. 890.

(See No. 991.)

MAUCH CHUNK. 3,952.

956—Mauch Chunk & Lehighton Transit Co., (Successor to Carbon Transit Co.,) Office 18 Market Square, Mauch Chunk. (Connects Upper Mauch Chunk, East Mauch Chunk and Lehighton.)
Pres. Ben Branch.....Mauch Chunk
V. Pres. Wm. Dodd..... "
Sec. V. M. Wolff..... "

Treas. Geo. H. Mayer.....Mauch Chunk
Gen. Mgr. G. R. Rehrig.. " "

Power sta. equip. 2 d. c. West., Allis-C. tot. 600 kw; 1150 hp. e. Russ., Ball; 625 hp. b. Bab. & W., Stir.; trans. & trolley volt. 550 v.

Pwr. sta., car barn and repair shops at Hacklebernie.

Owns Flagstaff Mountain Park, Flagstaff Heights (summer homes.)

12.5 miles; 4-8½ g; 14 motor pass. 2 motor service and 6 trail service cars. ★60

MEADVILLE. 13,802 (1916).

957—Northwestern Pennsylvania Ry. Co.—Office, 420 Commerce Bldg., Erie. (Operates under lease Crawford County Rys. Co.) (Connects Erie, Edinboro, Cambridge Springs, Venango Blystone Jct., Saegerstown, Meadville, Harmonsburg and Linesville; also connects with Penna. lines at Linesville for Pittsburg and Erie.) (Controlled by the Northwestern Elec. Service Co. through ownership of common stock.)

Pres. F. F. Curtze.....Erie
V. Pres. & Gen. Mgr.
Chas. M. Hatch..... "
Sec. A. O. Chapin..... "
Treas. A. A. Culbertson..... "
Gen. Audr. A. Shiel..... "
Supts. Transp. E. G. Hawkins..... "
Equip. (M. M.) P. J Barron "
Power, (Elec. Engr.)
H. R. McGranahan..... "
Track & Roadway,
W. D. Nelson..... "
Asst. Sec. & Asst. Treas. & Pur. Agt.
Geo. W. Kuntz..... "
Ch. Engr. Jas. Briggs..... "

Energy purchased from Erie County Elec. Co., Erie, Pa.

4 sub-stas. tot. cap. 2100 kw; 5 rot. conv.

Repair shops at Meadville and Erie.

Reaches Conneaut Park on Conneaut Lake.

38.5 miles owned; also 30 miles leased. Total miles operated 68.5; 4-8½g; 24 motor pass., 4 motor freight, 6 trail freight and 2 motor service cars. ★50

957—Crawford County Railways Co.—(Operated under lease by Northwestern Pennsylvania Ry. Co.) (Owns all capital Stock of Peoples Incandescent Lt. Co. which is leased to Northwestern Electric Service Co.)

(Road consists of 10 miles in Meadville and 16.5 miles between Meadville and Linesville,.)

Pres. F. E. Curtze.....Meadville
V. Pres. & Gen. Mgr.
Charles M. Hatch..... "
Sec. Geo. W. Kuntz..... "
Treas. A. A. Culbertson..... "
★50

MEDIA. 3,562.

958—Media, Glen Riddle & Rockdale Elec. St. Ry. Co.—Office, Clifton Heights. (Stock owned by the United Pwr. & Transpt. Co.; which is controlled by Interstate Rys. Co.; and operated under lease by the Southern Pennsylvania Trac. Co., which is controlled by the Wilmington & Philadelphia Trac. Co.) (Connects Media with Glen Riddle.)

Pres. John A. Rigg.....Philadelphia
Sec. & Treas. T. W. Grookett, Jr. "
5 miles; 5-2¼ g. ★70

MILLERSVILLE. 1,400.

959—Lancaster & York Furnace St. Ry. Co.—Office, 12 South Duke St., Lancaster.

Gen. Mgr. H. M. Stauffer...Millersville
Sec. John H. Myers.....Lancaster
Treas. Elam H. Myers
Willow Street P. O., Lanc. Co., Pa.

Energy purchased from Edison Elec. Co.; trans. volt. 11,000 v; trolley volt. 550 v.

Sub-sta. equip. 2 rot. conv.

Repair shops at Marticville. (No P.O.)

12.2 miles; 5-2½ g; 5 motor and 2 other cars. 119

MILTON. 7,460.

960—Lewisburg, Milton & Watsontown Pass. Railway Company—Executive Office, 72 Union Trust Bldg., Harrisburg. Local office, Milton. (Connects Watsontown, Riverside Park, Milton and Lewisburg; also operates under lease, over Penna. R. R. Co.'s tracks (stor. bat. system), the Montandon & Mifflinsburg Ry., connecting Montandon, Lewisburg, Brook Park, Biehl, Vicksburg and Mifflinsburg.)

Pres. John F. Whittaker.....Harrisburg
V. Pres. L. G. Brown.....York
Sec. & Treas. D. L. Diehl...Greencastle
Audr. Asst. Sec. & Asst. Treas.
W. B. Rankin.....Harrisburg
Gen. Mgr. & Pur. Agt.
W. W. Wilson.....Milton
Supt. Claim, Gen. Fgt. & Pass.
Agt. & Park Mgr. H.R.Deeter, Milton
Roadmaster, C. E. Coup..... "

Energy purchased from Northumberland County Gas & Elec. Co.; trans. volt. 1140 v; trolley volt. 500 v.

Repair shops at Milton.

Reaches Riverside Park (owned).

20.28 miles (9.28 owned and 11 leased); 4-8½ g; 13 motor and 2 storage battery cars. ★70

MONESSEN. 21,630 (1916).

(See No. 906.)

MONTOURSVILLE. 1,904.

961—Montoursville Pass. Ry. Co.—Office, 131 Broad St., P. O. Box 419. (Connects Montoursville and Williamsport where connection is made with the lines of Williamsport System at East Third St.)

Pres. Clarence L. Peaslee... Williamsport
V. Pres. F. C. Leonard.....Coudersport
Sec. & Treas. W.P.Beeber, Williamsport
Ch. Engr. Pwr. Sta.
Harry Carvell.....Montoursville
Engr. Ovhd. Constr.
Boyd Barrett..... "
Engr. M. of W. B. Stutz.. "
Park Mgr. W. J. Ritchie.. "

Power sta. equip. 5 d. c. G. E. W. E. tot. 560 kw; 820 hp. e. McE. Ham. Cor. Weth; 500 hp. b. Keeler; trolley volt 550 v. d. c. Energy also purchased from Montoursville Elec. Lt. Co.

Power sta. and repair shops at Montoursville.

Reaches Indian Park.

5.5 miles; 4-8½ g; 8 motor and 2 other cars. ★60†

MT. CARMEL. 20,268 (1916).

962—Shamokin & Mt. Carmel Transit Co.—Office, Mt. Carmel. (Consolidation of the Shamokin & Mt. Carmel Elec. Ry. Co. and the Ashland & Centralia Elec. Ry. Co.; also operates Mt. Carmel & Locust Gap Trac. Co.) (Connects Shamokin, Brady, Kulpmont, Mt. Carmel, Strong, Centralia, Ashland, Beaverdale and Locust Gap.)

Pres. & Gen. Mgr.
E. W. Samuel.....Mt. Carmel
Sec. & Audr. Jos. D. McConnell "
Treas. Wm Kiefer, Jr..... "

Supt. & Pur. Agt.
A. Howard Thomas, Jr.....Shamokin
Ch. Engr. Wilson Leiby.....Mt. Carmel
M. M., Wm. Eoute..... "
Power sta. equip. 5 d. c. G. E. tot. 1400 kw; 2000 hp. e. Allis-C. Cpr. Cor; 900 hp. b. Coates v; trolley volt. 550 v.
Power sta. and repair shops near Mt. Carmel.
Reaches and owns Maysville Park.
19.5 miles; 4-8½ g; 52 motor pass., 7 trail pass. and 9 other cars.
(Energy to be purchased from Pennsylvania Ltg. Co.) 59

NANTICOKE. 23,126 (1916).

(See No. 1028.)

NAZARETH. 3,978.

(See No. 899.)

NEW BRIGHTON. 9,277 (1916).

963—The Beaver Valley Traction Co.—Office, New Brighton. (Consolidation of the Beaver Valley St. Ry., Central Elec. St. Ry., College & Grandview Elec. R. R., Beaver & Vanport Elec. St. Ry., Riverview Elec. St. Ry. Co., Rochester & Monaca Elec. St. Ry., Freedom & Conway Elec. St. Ry., Vanport Elec. St. Ry., and People's Elec. St. Ry. Co. of Rochester, Pa.) (Connects College Hill, Beaver Falls, New Brighton, Rochester, Bridgewater, Beaver, Vanport, Freedom and Conway.) (Controlled by the Philadelphia Co.)
Pres. A. W. Thompson, 35 6th Ave. Pittsburgh
Sec. W. B. Carson " "
Treas. C. J. Braun, Jr. " "
Asst. Treas.
J. W. Murray " "
Controller,
C. S. Mitchell " "
Gen. Mgr.
W. H. Boyce.....New Brighton
Park Lessee & Mgr.
Paul R. Engle.....Beaver
Pur. Agt.
C. W. Lepper, 435 Fifth Av., Pittsburgh
M. M., H. J. Meyer.....New Brighton
Roadmaster,
Wm. F. Allshouse " "
Safety Engr., H. O. Allison... "
3 sub-stas. 6 rot. conv.
Energy purchased from Duquesne Lt. & Pwr. Co., Pittsburgh, Pa.
Repair shops at New Brighton.
Reaches and owns Junction and Morado Parks.
36.205 miles; 5-2½ g; 37 motor pass. and 9 motor service cars. ★50

NEW CASTLE. 41,133 (1916).

964—New Castle & Lowell Ry. Co.—Office, 25-31 East Boardman St., Youngstown, Ohio. (Connects Newcastle to Pennsylvania and Ohio State line. Cars operating over this line are through limited cars of The Pennsylvania-Ohio Electric Co.) (Controlled by The Pennsylvania-Ohio Electric Co., Youngstown, O., which see for officers.)
Energy furnished by The Pennsylvania-Ohio Electric Co.
12.19 miles (10.26 mi. 1st m. t., 1.55 mi. 2nd m. t., 0.38 mi. sid.); 4-8½ g. ★70

965—Sharon & New Castle St. Ry. Co. (Pa.) and The Sharon & New Castle Ry. Co. (Ohio).—Office, 25 E. Boardman St., Youngstown, Ohio. (Connects Hubbard (Ohio), and New Bedford and New Castle (Pa.). (Controlled by The Pennsylvania-Ohio Electric Co., Youngstown, Ohio, which see for officers.)
Energy furnished by The Pennsylvania-Ohio Electric Co.
16.74 miles (16.65 mi. 1st m. t., 0.08 mi. 2nd m. t.); 4-8½ g; 5 motor cars. ★70

NEW KENSINGTON. 8,000.

965a—Allegheny Valley St. Ry. Co.—General office, Benedum-Trees Bldg., 221—4th Ave., Pittsburgh. (Controls Allegheny Valley Lt. Co.) (Connects Pittsburgh, Aspinwall, Cheswick, Springdale, New Kensington, Tarentum, Brackenridge and Natrona.) (Owned and operated by the West Penn. Rys. Co.)
Pres. Williston Fish.....Pittsburgh
V. Pres. Raymond B. Keating "
Sec. & Treas. C. C. McBride.. "
Asst. Sec. W. F. Craig..... "
Asst. Treas. R. C. Lightcap..Pittsburgh
Audr. M. W. Glover, "
Gen. Supt. Transp.
H. A. Dunn..... "
Claim Agt. T. B. Donnelly.... "
Pur. Agt. W. E. Higgins..... "
Ch. Engr. Roadway & Structures
J. L. Fritsch..... "
Supt. A. A. Hatch.....New Kensington
Supt. Equip. Daniel Durie..Connellsville
Supt. Ovhd. Constr.
W. M. Rogers..... "
M. M., S. J. Witt..... "
Power sta. equip. 2 d. c. W. E., G. E. tot. 1250 kw; 3 a. c. W. E. tot. 1125 kw. 6600 v. 3 hp. 60 cys; 2850 hp. e. Wisconsin, Hamilton; 2000 hp. b. Bab. & W; trans. volt. 22,000 & 6600 v; trolley volt. 650 v. Energy also purchased from Allgeheny Valley Lt. Co. & West Penn. Pwr. Co..
Harmarville sub-sta. leased to West Penn Pwr. Co.; Creighton power sta. operated by Allegheny Valley Lt. Co.
Repair shops at Tarentum.
22.34 miles; 5-2½ g; 21 motor pass. 2 work and 2 other cars; 1 sweeper 119

NEWTOWN. 1,675.

(See No. 612.)

NORRISTOWN. 31,401 (1916).

966—Montgomery Transit Co.—Office, 1200 Stock Exch. Bldg., Philadelphia. (Connects Norristown, Trooper, Fairview Village, Centre Point, Cedars, Skippack, Lederach and Harleysville; operates over tracks of Reading Transit & Lt. Co. from Trooper to Norristown, (3.71 miles).
Pres. C. Merwyn Graham...Norristown
V. Pres. John Lederach..... "
Sec. Treas. & Audr.
Daniel M. Anders..... "
Gen. Mgr., Pur. Agt. & Ch. Engr.
Percival Armitage.....Philadelphia
Supt. & Gen. Fgt. & Pass. Agt.
I. B. Kline.....Skippack
Claim Agt. Calvin Stein.....Norristown
M. M. Sidney Larrad..... Skippack
Energy purchased from Reading Transit & Light Co.; trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Skippack.
56.22 miles (12.51 miles owned); 12-½ g; 3 motor pass. and 3 other motor cars. (Lines from Harleysville to Souderton (4.3 miles) and Harleysville to East Greenville (12 miles) under construction.) 118

967—Norristown Transit Co.—Office Penn & Swede Sts., Norristown (Owned by Philadelphia & Western Ry. Co. and Lehigh Valley Transit Co. and operated by the latter company.)
Pres. C. E. Ingersoll.....Philadelphia
V. Pres. H. R. Fehr.....Allentown
Sec. & Treas.
Silsbee Errickson.....Norristown
4-8½ g. 119

967a—Philadelphia & Western Ry.—Office, Norristown. (Connects Philadelphia, Haverford, Bryn Mawr, Villa Nova, Wayne, St. Davids, Strafford, Gulph Mills, Bridgeport and Norris town.) (Owns one-half interest in the Norristown Transit Co.)
Pres. Thos. Newhall
Commercial Trust Bldg., Philadelphia
V. Pres. & Gen. Mgr.
J. L. Adams.....Norristown
Sec. &Treas. Silsbee Errickson "
Audr. C. S. Mounts..... "
Signal Engr. Wm. Gable..... "
Ch. Engr. Sub. Sta.
H. Y. Watson..... "
M. M. Rowland Hubbard.... "
Roadmaster, James Curran.. "
Energy purchased; trans. volt. 13,200 v; trolley volt. 650 v. d. c.
3 sub-stas. tot. cap. 5250 kw: 7 rot. conv.
Repair shops at Upper Darby.
34 miles 4-8½ g; (3d rail); 25 motor and 4 other cars; 1 snow plow. ★50

968—Reading Transit & Lt. Co. (Norristown Div.)—Office, Norristown. (Leases the Schuylkill Valley Trac. Co (stock owned by The United Pwr. & Transpt. Co.) and its leased lines as follows: Norristown Pass. Ry. Co.; Citizens' Pass. Ry. Co.; Montgomery Co. Pass. Rv. Co.; Roxborough, Chestnut Hill & Norristown Ry. Co.; Wissahickon Elec. Pass. Rv. Co.; Conshohocken Ry. Co.; The Trappe & Limerick Elec. St. Ry. Co., and the Collegeville Elec. St. Ry. Co., connecting Philadelphia, Conshohocken, Norristown and Pottstown.) For general officers, see Reading, (No. 1004.)
Div. Supt. Geo. W. Magill...Norristown
M. M., J. W. Gordon "
Energy purchased from Metropolitan Edison Co. and Counties Gas & Elec. Co., trans. volt. 13,200 v; trolley volt. 600 v.
Repair shops at Norristown.
Reaches Ringing Rocks and Plymouth Parks.
70.75 miles; 5-2½ g; 70 motor pass., 4 fgt. motor and 17 other cars. ★50

NORTHUMBERLAND. 3,517.

(See No. 1019.)

OAKDALE. 1,700.

(See No. 953a.)

OIL CITY. 19,297 (1916).

969—The Citizens' Traction Co.—Office Oil City. (Company owns or controls the Citizens Lt. & Pwr. Co., The Monarch Park Hotel Co., the Big Rock and Reno Bridge Cos., and is a consolidation of all the electric roads in Franklin and Oil City. (Connects Oil City, Franklin and Rouseville.) (Controlled by Municipal Service Co. Phila., Pa.)
Pres. Jos. Seep..... Titusville
V. Pres.
James Crosby Brown....Philadelphia
Sec. John E. Zimmermann.. "
Treas. B. W. Frasier, Jr.... "
Audr. J. G. McClellan.....Oil City
Gen. Mgrs.
Day & Zimmermann.....Philadelphia
Gen. Supt. V. A. Redfield.....Oil City
Pur. Agt. B. L. Cole..... "
Asst. Supts. J. L. Hardenburg, Franklin Transp. F. N. Gibbs .....Oil City
Ch. Engr. Pwr. Sta.,
E. W. York..... "
M. M., Chas. Aiken..... "
Power sta. equip. 4 turbo-gen. Curtis tot. 3000 kw; 2250 hp. b. Oil City; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. and repair shops at Oil City.
Reaches and operates Monarch Park. 34.7 miles; 4-8½ g; 52 motor cars and 11 other cars; 2 snow plows. ★50

PALMYRA. 2,000.

(See Nos. 935 and 949.)

PATTON. 3,907.

970—Northern Cambria Ry. Co.—(Formerly Northern Cambria St. Ry. Co.) Office, Patton. (Connects Patton, Carrolltown, St. Benedict, Spangler and Barnesboro.)
Pres. James H. Allport.....Patton
V. Pres. Rembrant Peale,
2710 Grand Central Term.,
New York, N. Y.
Sec. & Gen. Mgr. C. L. Calahan..Patton
Treas. C. A. Sharbaugh.... Carrolltown
Energy purchased from Penn Central Lt. & Pwr. Co, 1 mo. gen. set G. E. 300 kw; trolley volt. 600 v.
Power sta. and repair shops at St. Benedict.
Reaches Sunset Park (owned).
13 miles: 4-8½ g; 7 motor pass. and 1 motor service car. ★70

PEN ARGYL. 3,967 (1915).

971—Slate Belt Elec. St. Ry. Co.—Office, Pen Argyl. (Connects Bangor, Belfast, Pen Argyl, Wind Gap and Nazareth.)
Pres. & Gen. Mgr.,
J. T. Hambleton.....Pen Argyl
V. Pres. J. C. Keller.....Wind Gap
Sec. G. A. Schneebeli.....Nazareth
Treas. C. A. Harris.....Philadelphia
Supt. & Gen. Fgt. Agt.,
Calvin Itterly.....Pen Argyl
Engr. Ovhd. Constr.,
George Andrews..... "
Pur. Agt. & M. M.
Samuel Kellow..... "
Energy purchased from Penna. Utilities Co.; 400 kw. mo-gen. sets; trans. volt. 2300 v; trolley volt. 575 v.
Repair shops at Pen Argyl.
18 miles; 4-8½ g; 7 motor and 3 other cars. 119

PHILADELPHIA. 1,709,518 (1916).

(See also Nos. 586, 587, 605, 912, 966, 997, 1009, 1017, 1026, 1027 and 1032.)

972—Chester & Philadelphia Ry. Co.—Office, 8th and Dauphin Sts., Philadelphia. (Operated by Philadelphia Rapid Transit Co. and Southern Division, U. S. Shipping Board, E. F. Corp.) (Connects Chester and Philadelphia.)
Pres. W. C. Dunbar
1520 Spruce St., Philadelphia
V. Pres. & Treas. Issac H. Silverman
605 Land Title Bldg, Philadelphia
Sec. H. S. Meredith..... "
Asst. Sec. & Asst. Treas.
F. B. Ellis.....Philadelphia
Energy from Phila. Rapid Transit Co. and Philadelphia Elec. Co.; trans. volt. 13,200 v.; trolley volt. 600 v.
1 sub. sta. tot. cap. 1,000 kw. 2 rot. conv.
16.777 miles; 5-2¼ g. ★60

973—Fairmount Park Transit Co.—Office, Fairmount Park. (Successor to Fairmount Park Transportation Co.)
Pres. Norman S. Alexander,
Sta. W., West Park, Philadelphia
Sec. & Treas. Clayton E. Platt "
Asst. Gen. Mgr., W. L. Hartman "
Ch. Engr. Pur. Sta., D. Byrne "
M. M., J. H. Macleary..... "
Power sta. equip. 4 d. c. G. E, West. tot. 1800 kw; 2410 hp. e. (stm.) Weth; 1850 hp. b. Berry, Bab. & W; trolley volt. 500 v.

Power sta. and repair shops at Sta. W. Fairmount Park.
Reaches and owns Woodside Park.
8.83 miles; 5-2½ g; 30 motor and 30 other cars. 50

974—Frankford, Tacony & Holmesburg St. Ry. Co.—Tacony, Philadelphia (Station L). (Connects Philadelphia, Frankford, Tacony, Holmesburg and Torresdale.)
V. Pres. Wm. Milnes, 331 Gowen Ave.....Philadelphia
Sec. & Treas, James H. Bell, 1815 Land Title Bldg. "
Gen. Mgr.
Thos. Gibson...Tacony, Philadelphia
Supt. Constr.
Thos. Devine.... " "
Fmn. Car Barn
Eugene Cook.... " "
Energy purchased.
Repair shops at Tacony.
16 miles owned, 1.11 miles leased; 5-2½ g; 20 motor pass. and 7 other motor cars. 119

975—Pennsylvania Railroad, Eastern Region.—Paoli and Chestnut Hill Divs. Gen. Office, Broad St. Sta., Phila. (Extends from Broad St. Sta. Philadelphia to Paoli, 20.3 miles, and West Philadelphia to Chestnut Hill, 10.2 miles.)
Pres. Samuel Rea.....Philadelphia
Asst. to Pres. W. U. Moyer. "
Vice-Prests. W. W. Atterbury.... "
Geo. D. Dixon..... "
Henry Tatnall..... "
A. J. County..... "
M. C. Kennedy.... "
Geo. L. Peck..... "
Sec. Lewis Neilson..... "
Treas. James F. Fahnestock "
Compt. E. A. Stockton..... "
Gen. Mgr. C. S. Krick..... "
Div. Supts. Phila. Terml. Div. A. M. Parker (Chester Hill Div.) "
Phila. Div. E. J. Cleave (Paoli Div.).....Harrisburg
Pur. Agt. Montgomery Smith, Philadelphia
Gen. Counsel F. I. Gowen... "
Ch. Claim Agt. J. C. Rose... "
Traf. Mgr. J. L. Eysmans.... "
Gen. Fgt. Agt. Guy S. McCabe "
Pass. Traf. Mgr. D. N. Bell.. "
Gen. Pass. Agt. O. T. Boyd.. "
Ch. Engr. A. C. Shand..... "
Ch. Signal Engr. A. H. Rudd
Supt. Insurance Dept., R. H. Newbern..... "
Ch. Engr. M. of W., W. G. Coughlin..... "
Energy purchased from Philadelphia Electric Co.; trans. volt. 44,000 v; trolley volt. 11,000 v. s. ph.
6 sub. stas. tot. cap. 44,000 kva. (5 with auto control.)
Repair shops at Paoli.
116.3 miles; 4-8½ g; (catenary); 115 motor pass. cars. ★50

976—Philadelphia Railways Co.—Office, 605 Land Title Bldg., Philadelphia. (Connects Philadelphia, Eddystone and Chester.) (Operates under agreement Essington Div. of Chester & Phila. Ry. Co. (3.31 miles.)
Pres. Isaac H. Silverman...Philadelphia
Sec. A. W. From..... "
Treas. Chas. F. Wagner, Jr..... "
Supt. Jos. C. Lugar..... "
Energy purchased from Phila. Elec. Co.
Power sta. and repair shops at west side of Penrose Ferry Bridge.
Reaches Point Breeze Park.
15.969 miles; 5-2 g; 25 motor and 3 other cars. 119

977—Philadelphia Rapid Transit Co.—Exec. offices, 1520 Spruce St., and Land Title Bldg.; Operating offices, 59th and Callowhill Sts. and 8th & Dauphin Sts. (Leases and operates Union Trac. Co. and all its underlying properties. Operates Chester & Philadelphia Ry. Co.). (Connects Chester, Media, Darby, Willow Grove, Hatboro, Doyleston, Chestnut Hill and Philadelphia).
Chmn. Exec. Comm. & Pres.
Thomas E. Mitten.....Philadelphia
V. Pres. (in charge Finance & Acctg.)
W. C. Dunbar..... "
Vice-Pres. (in charge operation)
G. A. Richardson..... "
Sec. F. B. Ellis..... "
Treas. G. W. Davis..... "
Audr. E. L. Austin..... "
Counsels C. J. Joyce, Ballard, Sparks, Andrews and Maderie
Sec. (in charge Welfare)
A. A. Mitten..... "
Real Estate Agt.
J. A. Patterson..... "
Supt. Transp. F. W. Johnson..... "
Pur. Agt. W. L. Maise..... "
Claim Agt. J. J. K. Caskie ..... "
Elec. Engr. G. A. Harvey..... "
Engr. of Way, George B. Taylor.. "
Supt. Roll. Stk. & Bldg.
R. T. Senter..... "
Supt. Elev. & Sub. Lines
E. J. McIlraith..... "
Supvr. Pur. & Sup.
G. A. DuCasse..... "
Supvr. Insurance
E. W. Bowman..... "
Supt. of Time Tables, Leon Jewell "
Mgr. Willow Grove Park,
J. R. Davies..... "
Power stas. equip., 17 d. c. West., G. E., DeLaval tot. 17,675 kw.; 14 a. c. West., G. E. tot. 58,800 kva. 13,200 v. 3 ph. 25 cys. 26,250 hp. e. Weth., Fitch., Penn., 46,987 hp. b. B. & W., Parker; 58,975 kw. stm. turb. West., G. E., DeLaval; trans. volt. 13,200 v.; trolley volt 600 v.
Energy also purchased from Philadelphia Elec. Co. and Philadelphia Hydro-Elec. Co.
17 sub-stas. tot. cap. 103,500 kw.; 64 rot. conv.
Power stas. at 13th & Mt. Vernon Sts., 963 Beach St., 33rd & Market Sts., 69th & Market Sts. and 2nd St. & Wyoming Ave.
Sub-stas. at 2d St. and Wyoming Ave.; 33d and Market Sts.; 123 East Chelten Ave.; 32d and Dauphin Sts.; Germantown and Erie Aves.; 15th and Tucker Sts.; 2035 Banstead St.; Frankford Ave. and Arrott St.; 13th and Mifflin Sts.; 52d St. and Lancaster Ave.; Glenside, Mont. Co.; 812 Sansom St.; Allison and Market Sts.; 58th St. and Woodland Ave.; 1823 E. Letterly St.; Manayunk and 80th St. and Eastwick Ave.
Principal repair shops at 8th & Dauphin Sts.; Kensington Ave. & Cumberland St. and 69th & Market Sts.
Reaches Willow Grove Park, (owned by Phil. Rapid Trans. Co. and Union Trac. Co.) and Fairmount Park.
56.167 miles owned (32.588 mi. 1 st. m. t., 16.195 mi. 2nd m. t., 7.383 mi. std.); also 614.196 miles leased and 1.378 miles trackage rights. Total miles operated 569.42; 5-2½ g.; 2941 motor pass., 60 trail pass., 21 motor fgt. & exp., 354 motor service and 9 trail service cars. ★60

978—Trenton, Bristol & Philadelphia St. Ry. Co.—Office, 204 Radcliffe St., Bristol. (Connects Phila, Bristol, Tullytown, Morrisville, Bridgewater, Eddington, Cornwells, Andalusia, Torresdale, Pa., and Trenton, N. J.)
Pres. Carl N. Martin, Stock Exc. Bldg., Philadelphia

V. Pres. John Redwood,
Stock Exc. Bldg., Baltimore, Md.
Sec. J. Elliott Newlin,
Stock Exc. Bldg., Philadelp ia
Gen. Mgr. & Pur. Agt. M. J. Hill, Bristol
Fgt. Agt. Alf. DuBoise..... "
M. M., Elmer Harrison..... "

Power sta. equip. 1 d. c. W. E. tot. 300 kva; 650 hp. e. Ham. Cor.; 750 hp. b. Heine, Keeler; trans. & trolley volt. 600.v.

17.67 miles; 5-2½ g; 15 motor and 5 other cars. 119

979—The American Railways Co.—Office, 1321 Walnut St. (Controls Bridgeton & Millville Traction Co., Elec. Co. of N. J., Bridgeton, N. J.; Springfield Ry. Co., Springfield, O.; People's Ry. Co., Dayton, O.; Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.; Chicago & Joilet Elec. Ry. Co., (which controls Chicago & Desplaines Valley Elec. Ry. Co., Joilet, Ill.); Ohio Valley Elec. Ry., Huntington, W. Va.; Kanawha Valley Trac. Co., Charleston, W. Va.; Home Elec. Lt. & Stm. Htg. Co., Tyrone, Pa.; Scranton Ry. Co., (which operates under lease the Scranton, Dunmore & Moosic Lake R.R. Co.); Lynchburg (Va.) Trac. & Lt. Co., Boyd County Elec. Co., Ashland (Ky.); Cons. Lt., Ht. and Pwr. Co., Huntington (W. Va.); Ironton Elec. Co., Ironton (Ohio); Monmouth Ltg. Co., Keyport (N. J.); Cape May Lt. & Pwr. Co., Cape May (N. J.); Port Huron Gas & Elec. Co., Port Huron (Mich.); Quincy Gas & Elec. Htg. Co., Quincy (Ill.); Rome Gas, Gas Lt. Co., Niles (Mich.); Portsmouth Gas Co., Portsmouth (Ohio); Warsau Gas Co., Warsau (Ind.); Roanoke (Va.) Trac. & Lt. Co. (which controls Roanoke (Va.) Ry. & Elec. Co.), Jersey Central Trac. Co. and Wilmington (Del.) & Philadelphia Trac. Co. and Dellwood Park Co., Joilet (Ill.) (Controlled by National Properties Co.)

Pres. Van Horn Ely.....Philadelphia
1st V. Pres. John Gribbel... "
2d V. Pres. C. L. S. Tingley "
Sec. & Treas. Walter W. Perkins "
Asst. Sec. Asst. Treas. & Compt.
Frank J. Pryor, Jr..... "
Asst. Compt. H. D. Anderson "
Gen. Mgr. H. J. Crowley... "
Pur. Agt. G. C. Weirick.... "
Gen. Storekeeper J. A. Berndt "
Mech. Engr. A. Kuylenstjerna "
Elec. Engr. P. H. Chase.... "
Engr. Way & Struct. C. G. Keen "

70

980 — The Kentucky Securities Corpn.—Office, Franklin Bank Bldg., 1416 Chestnut St. (Controls Kentucky Trac. & Term. Co., Lexington, Ky., Lexington (Ky.) Ice Co. and Lexington (Ky.) Utilities Co.)

Pres. Percy M. Chandler...Philadelphia
V. Pres. F. W. Bacon..... "
Sec. W. J. Devine..... "
Treas. H. Williams, Jr..... "

50

981—National Properties Co.—Gen. Office, 834 Market St., Wilmington, Del. (Controls through ownership of stock Chester County Lt. & Pwr. Co. of Penn., New Castle County Elec. Co. of Delaware and The American Rys. Co. of Philadelphia.)

Pres. Van Horn Ely,
Witherspoon Bldg., Philadelphia
V. Pres. A. C. Robinson,
Commonwealth Bldg., Pittsburgh
Sec. & Treas. Henry P. Carr,
Witherspoon Bldg., Philadelphia
Audr. H. D. Anderson " "

50

981a—Municipal Service Co.—Office, Land Title Bldg. (Controls Chester Valley Elec. Co. (Coatesville, Pa.), Staunton (Va.) Ltg. Co., Arlington (Va.) Elec. Co., Riverside Lt. & Pwr. Co., (Waynesboro, Va.), Alexandria (Va.) County Ltg. Co., Youngstown (O.) & Suburban Ry. Co., Citizens' Trac. Co. (Oil City, Pa.), Salem (O.) Ltg. Co., and Valdosta (Ga.) Ltg. Co.)

Pres. G. B. Baker.....Boston, Mass.
V. Pres. Gordon Campbell...Philadelphia
Sec. John E. Zimmermann.. "
Asst. Sec. C. A. McClure ... "
Treas. L. B. Harvey.....Boston, Mass.
Asst. Treasr. J. W. Swain, Jr. Philadelphia
Pur. Agts.
Day & Zimmermann, Inc., "

★50

982 — The United Gas Improvement Co.—Office, Broad & Arch Sts., Phila. (Interested in the following electric properties: Charleston (S. C.) Consol. Ry. & Ltg., Counties Gas & elec. Co. (Norristown & Ardmore, Pa.), Fulton County Gas & Elec. Co., Gloversville, (N.Y.), Northern Indiana Gas & Elec. Co., (Hammond & Lafayette, Ind.), Sioux City (Iowa) Gas & Elec. Co. and Syracuse (N. Y.) Ltg. Co.)

Pres. S. T. Bodine.....Philadelphia
V. Prests. { & Gen. Mgr. Lewis Lillie... "
Randal Morgan. "
Walton Clark... "
P. H. Gadsden.. "
W. F. Douthirt. "
Paul Thompson "
Gen. Counsel. C. R. Warden "
Asst. Gen. Mgr.
James T. Hutchings..... "
Sec. G. W. Curran..... "
Treas. I. W. Morris..... "
Gen. Audr. Edward Porter.. "
Pur. Agt. J. A. Pearson..... "
Mgr. New Business Dept.
C. W. Hare..... "

★50

982a—United National Utilities Co. Gen. Office, 603 Market St., Wilmington, Del. (Controls Amer. Rys. Co. and subsidiaries, National Properties Co. and subsidiaries, Jersey Central Trac. Co., Middlesex & Monmouth Elec. Lt., Ht. & Pwr. Co., Monmouth Ltg. Co. and National Gas & Elec. Co. and subsidiaries.)

Pres. Van Horn Ely.....Philadelphia
V. Pres. C. J. Crowley..... "
Sec. & Treas. Walter W. Perkins "

69

PHILIPSBURG. 3,585.

983 — Centre & Clearfield Ry. Co.—Office, Philipsburg. (Controlled by Penn. Public Service Co., which in turn is controlled by Pennsylvania Elec. Co., (Connects Philipsburg, Morrisdale) Munson and Winburne.)

Pres. F. T. Hepburn...New York, N. Y.
Gen. Mgr. Stephen C. Pohe..Johnstown
Sec. W. A. Reiber..... "
Treas. H. E. Thompson..... "
Supt. J. J. Barnick.....Philipsburg
Pur. Agt. F. F. Fullerton....Johnstown
M. M., E. Gennicks.....Philipsburg
Roadmaster, D. C. Nelson.. "

Energy purchased from Penn. Public Service Co.; trans. volt. 22,000 v; trolley volt. 550 v.

1 sub-sta. cap. 200 kw.; 1-200 kw. rot. conv.

Repair shops at Philipsburg.

Reaches Park at Morrisdale.

13.5 miles (12 mi. 1st m. t., 1.5 mi. sid.); 4-8½ g; 7 motor pass. and 3 motor service cars. ★50

PHOENIXVILLE. 11,714 (1916).

(See also No. 997.)

984 — The Phoenixville - Valley Forge & Strafford Elec. Ry. Co.—Office, Phoenixville. (Connects Phoenix-

ville, Corner Store, Williams Corner and Valley Forge.)
Pres., Gen. Mgr. & Pur. Agt.
Thos. E. O'Connell.....Phoenixville
Sec. I. E. Miller..... "
Treas. V. N. Shaffer..... "
Ch. Engr. Howard W. Sanford,
815 Union St., Philadelphia
Energy purchased from Phila. Suburban Gas & Elec. Co.
Repair shops at Williams Corner.
Reaches Valley Park (owned).
5.5 miles; 4-8½g; 8 motor and 2 other cars. (Will extend to Norristown via Mont Clare and Jeffersonville.) 119

PITTSBURGH. 579,090 (1916).

(See also Nos. 911, 945, 950, 954 and 965a.)

985—The Duquesne Incline Plane Co. — Office, 1214 Grandview Ave. (Operates incline 800 ft. long and 400 ft. high from Carson St. to Grandview Ave.)
Pres. F. W. Severance.....Glassport
V. Pres. F. B. Nimick
Keystone Bldg., Pittsburgh
Sec. Kirk O. Bigham..... "
Treas. S Severance
Union Bk. Bldg. "
Supt. A. C. Oakley..... "
Power sta. equip. 60 hp. e. Mulholland; b. Riter & Conley.
1600 ft. (cable); 5 g; 2 cars. ★50

986—The Pittsburgh & Beaver St. Ry. Co.—Office, New Brighton. (Controlled by Philadelphia Co.) (Connects Baden, Economy, Ambridge and Leetsdale.)
Pres. A. W. Thompson
435 6th Ave., Pittsburgh
Sec. W. B. Carson..... "
Treas. C. J. Braun, Jr..... "
Controller, C. S. Mitchell..... "
Gen. Mgr. W. H. Boyce..New Brighton
Pur. Agt. C. W. Lepper
435-6th Ave., Pittsburgh
Safety Engr. H. O. Allison, New Brighton
M. M. H. J. Meyer..... "
Roadmaster, Wm. F. Allshouse "
14.99 miles; 5-2½ g; cars rented from The Beaver Valley Trac. Co. ★50

987—Pittsburgh, Mars & Butler Ry. Co.—Office, 606 Benedum-Trees Bldg. Pittsburgh, (Successor to Pittsburgh & Butler Ry. Co.) (Connects Pittsburgh, Mars and Butler.)
Pres. David I. McCahill.....Pittsburgh
V. Pres. & Gen. Mgr.
H. Etheridge.....Zelienople
Sec. & Treas. R. M. Glick....Pittsburgh
Audr. S. C. Bednar..... "
Supt. A. S. Fullerton.....Mars
Pur. Agt. J. B. Campbell....Pittsburgh
Gen. Fgt. Agt. Keith Randolph, Harmony
M. M., W. R. Adair.....Mars
Engr. M. of W., A Dematt..... "
Energy purchased from Harmony Elec. Co.
2 sub-stas. (with auto. cont.) tot. cap. 1000 kw; 4 rot. conv.
Repair shops at Mars.
Reaches Wildwood Park.
33.3 miles; 5-2½g; 11 motor pass. 2 motor freight and 6 trail freight cars. (Company does lighting business.) ★50

988—Pittsburgh, Harmony, Butler & New Castle Ry. Co. — Office 124 Stanwix St. (Connects Pittsburgh, Zelienople, Beaver Falls, Evans City, Harmony, Butler, Ellwood City and New Castle.)
Pres. David I. McCahill.....Pittsburgh
V. Pres. & Gen. Mgr.
H. Etheridge.....Zelienople
Sec. & Treas. R. M. Glick.....Pittsburgh
Audr. S. C. Bednar..... "
Supt. C. L. Osborne.....Harmony
Pwr. Agr. J. B. Campbell....Pittsburgh
Gen. Fgt. Agt. Keith Randolph, Harmony
Ch. Engr. J. A. Lucas..... "
Power sta. equip. 2 a. c. G.E. turbo-gen. tot. 3000 kw. 13,200 v. 3 ph. 60 cys; trans. volt, 13,200 v; trolley volt. 1200 and 600 v. Energy also purchased from Harmony Elec. Co
3 sub. stas.; 2-500 kw. rot. conv. 600 v. d. c. 3 ph. 25 cys.
Reaches Cascade Park.
Power sta. and repair shops at Harmony.
80.5 miles (68 mi. 1st m. t., 12.5 mi. 2nd m. t.) 5-2½ g; 23 motor pass, 6 motor freight and 29 trail freight cars ★50

990 — Pittsburgh Railways Co. — Office, 435 6th Ave. (Controlled by Philadelphia Company.) Operates the following:
Ardmore St. Ry.; United Trac. Co., of Pittsburgh; Consolidated Trac. Co., East McKeesport St. Ry. Co; Allegheny; Bellevue & Perrysville Ry. Co; Morningside Elec. St. Ry. Co; Pittsburgh, Canonsburg & Washington Ry. Co; Ben Avon & Emsworth St. Ry. Co; Washington & Canonsburg Ry. Co; Pittsburgh & Birmingham Trac. Co; Pittsburgh & Charleroi St. Ry; Monongahela St. Ry. Co; Suburban Rapid Transit St. Ry. Co; Mt. Washington St. Ry. Co.) (Operates in Pittsburgh, East Pittsburgh, Wilmerding, McKeesport, Duquesne, Monongahela City, Charleroi, Washington and adjacent towns.)

CORPORATE OFFICERS

Chmn. of Bd. James D. Callery, Pittsburgh
Pres. A. W. Thompson..... "
V. Pres. J. H. Reed..... "
Sec. W. B. Carson..... "
Treas. C. J. Braun, Jr..... "
Compt. C. S. Mitchell..... "

RECEIVERS

C. A. Fagan..... "
W. D. George..... "
S. L. Tone..... "

OFFICERS FOR RECEIVERS

Sec. J. E. Ebrens..... "
Treas. J. L. Foster..... "
Audr. A. D. McPherson.... "
Asst. Audr. W. P. McArdle. "
Pur. Agt. C. W. Lepper.... "
Gen. Mgr. P. N. Jones..... "
Supt. Transpt. J. M. Loftis.. "
Asst. Supt. Transpt.
F. W. McCarthy..... "
Traf. Agt. F. R. Cogswell... "
Div. Supts. M. W. Flanagan... "
John Dalley..... "
E. C. Fitch..... "
F. R. Wilhelm..... "
J. E. Coller..... "
F. H. Eibs..... "
Supt. Claim Dept. Cecil G. Rice "
Supt. of Equip. F. R. Phillips "
Supt. Ovhd Lines, H. A. Pharo "
Gen. Agt. J. S. Shedd..... "
Ch. Engr. F. Uhlenhaut, Jr. "
Engr. M. of W. J. M. Larned . "
Asst. Engr. N. of W. G. W. Emory "
M. M., Jno. A. Rogan..... "
Asst. M. M., J. C. Keenan. "
Gen. Storekeeper
M. T. Montgomery..... "
Energy purchased from Duquesne Lt. Co.; trans. volt. 11,000 & 22,000 v; trolley volt. 550-600 v.
17 sub-stas. tot. cap. 33,200 kw. 28 rot. conv. cap. 16,300 kw; 23 mo. gen. sets cap. 16,900 kw.
Repair shops at Homewood, Rankin, Allegheny, Glenwood, West End and South Side.
Reaches Kennywood and Westview Parks and Duquesne Garden.
606 miles; 5-2½ g; 1,346 mo. and 631 other cars. ★60†

990a—St. Clair Incline Plane Co.—2227 Salisbury St.—(Operates an in-

cline plane from Josephine St. to Arlington Ave. S. S.)
Pres.
Dr. T. P. Cochran,
2301 Salisbury St., Pittsburgh
V. Pres.
Albert Perrett, 2520 Cobden St. "
Sec. Aug. Sprung,
304 Spring St., St. Clair Boro, Pittsburgh
Treas. Wm. Young,
Salisbury & Sterling Sts. "
\Supt. Alex. O. Kortner,
Sterling St., 16th Ward. "
Ch. Engr. Joseph Eichert ..... "
Engr. M. of W., John Hinkoffer .. "
Energy purchased from Duquesne Lt. Co.; 1 mo. West. 150 hp. 440 v. 3 ph. 60 cys.
Reaches Arlington Park City.
2046 ft.; 5-8 g; 2 cable cars. 119

991—West Penn Rys. Co.—Office, Benedum-Trees Bldg., 221 4th Ave., Pittsburgh. (Formed by merger, May 23, 1917, of the following, Brownsville St. Ry. Co., Greensburg & Southern Elec. St. Ry. Co., Latrobe-Hecla St. Ry. Co., Latrobe St. Ry. Co., Masontown-Morgantown St. Ry. Co., McKeesport & Irwin Ry. Co., Pittsburgh, McKeesport & Connellsville Ry. Co., Pittsburgh, McKeesport & Greensburg Ry. Co., Uniontown Radial St. Ry. Co., West Penn Interurban Ry. Co., West Penn Rys. Co., West Penn Trac. Co. and White Elec. Trac. Co. Owns and operates, in name of West Penn Rys. Co., under lease, Kittanning & Leechburg Rys. Co., Oakdale & McDonald St. Ry. Co. and Pittsburgh & Allegheny Valley Trac. Co. Owns Allegheny Valley St. Ry. Co., Steubenville Ry. Co., The Brooke Elec. Co., (W. Va.), Steubenville, Wellsburg and Weirton Ry. Co., Wellsburg, W. Va., Hancock County Elec. Co., New Cumberland, W. Va., Wellsburg (W. Va.) Lt. Ht. & Pwr. Co. and West Penn Pwr Co. Controls Wheeling (W. Va.) Trac. Co. (Controlled by West Penn Trac. & Wtr. Pwr. Co., which in turn is controlled by American Wtr. Wks. & Elec. Co.)

The following towns and villages are connected by West Penn Railways System.

McKEESPORT AND COKE REGION DIVISIONS.

Trafford, Cavittsville, Ardara, Larimer, Irwin; Irwin, Hahntown, Long Run, McKeesport; McKeesport, Duquesne; McKeesport, Versailles, Boston, Olympia Park, Mt. Vernon, Buena Vista, Scott Haven; Irwin, Manor, Penn, Jeannette, Oakford Park, Greensburg, Huff, Haydenville, Youngwood, New Stanton, Hunker, Ruffsdale, Tarrs, Scottdale; Greensburg, South Greensburg, Youngwood, Armbrust, Hecla; Hecla, Calumet, Mammoth, United, Trauger, Pleasant Unity, Whitney, Hostetter, Baggaley, Youngstown, Kingston, Latrobe; Hecla, Standard, Mt. Pleasant; Mt. Pleasant, Morewood, Acme, Central Tarrs; Mt. Pleasant, Bridgeport, Hammondville, Iron Bridge, No. Scottdale, Swedetown, Scottdale; Scottdale, Meadow Mills; Scottdale, Everson, Pennsville, Murphys Siding, Moyer, Coalbrook, Connellsville; Connellsville, So. Connellsville; Connellsville, Power House, Dunbar, Ferguson, Mt. Braddock, Shady Grove Park, Youngstown, Lemont, Uniontown; Connellsville, Leisenring No. 1; Leisenring No. 1, Nellie, Vanderbilt, Liberty, Dickerson Run, Dawson; Leisenring No. 1, Leisenring No. 3, Juniata, Elm Grove, Bitner, Vances Mills, Phillips, Oliver, Uniontown; Uniontown, Leith, Hopwood, Brownfield, Oliphant, Fairchance; Uniontown, Continental, Revere, Footdale, Brownsville Junction; Brownsville Junction, Lambert, McClellandtown, Leckrone, Masontown, Greys Landing, Mon Vue, Martin; Brownsville Junction, New Salem, Fairbanks, Filbert, Orient, Republic, Merrittstown, Allison, Thorntown, Brownsville.

PITTSBURGH AND ALLEGHENY VALLEY DIVISION.

Leechburg, Hyde Park Ferry, No. Vandergrift, Allison Park, Apollo.

KITTANNING & LEECHBURG DIVISION.

Cowanshannock, Kittanning, Garrets Run, Manorville, Ford City, Rosston, Lenape Park.

OAKDALE & McDONALD DIVISION.

Oakdale, Noblestown, Sturgeon, McDonald.
Pres. A. M. Lynn.....Pittsburgh
V. Pres. & Gen. Mgr. of Opr.
H. L. Mitchell..... "
V. Pres. & Sec.
Raymond B. Keating..... "
Treas. C. C. McBride..... "
Audr. M. W. Glover..... "
Asst. Sec.
W. K. Dunbar.....New York, N. Y.
Claim Agt. T. B. Donnelly..Connellsville
Pur. Agt. W. E. Higgins.....Pittsburgh
Ch. Engr. Roadway & Structures, J. L. Fritsch..... "
Supt. Equip. Dan'l Durie, Connellsville
Gen Supt. Terr. "A",
Dan'l. Durie..... "
Gen. Supt. Terr. "B",
H. A. Dunn.....Pittsburgh
Supt. Track & Roadway,
P. A. Meyer.....Connellsville
Supt. Ovhd. Constr.
W. M. Rogers ..... "
Supt. M. M., S. J. Witt..... "
Power sta. at Connellsville leased to West Penn. Power Co. trolley volt. 600 v.
Repair shops at Connellsville, Greensburg, Latrobe, McKeesport, Garretts Run and Leechburg.
Reaches Olympia and Oakford Parks (owned); Lenape and Allison Parks (controlled); and Shady Grove Park.
Total track mileage operated, 204.76; 5-2½ g; and 10.33; 4-8½ g; owned or controlled, 286.33; 5-2½ g and 52.92; 4-8½ g; total cars operated, 107 closed mo. pass.; 60 open mo. pass.; 3 trailers; 3 exp. and fgt. mo.; 11 work and line mo.; 5 mo. sweepers and 26 misc. other cars; owned or controlled, 235 closed mo. pass., 78 open mo. pass., 23 trailers, 7 exp. and fgt. mo., 24 work and line mo., 9 mo. sweepers and 57 misc. other cars. ★30†

993—Westmoreland County Ry. Co.—Office, 1737 Oliver Bldg., Pittsburgh. (Connects Latrobe and Derry).
Pres. John E. Potter
Potter Title & Trust Co., Pittsburgh
1st V. Pres. F. Wm. Rudel
Iron & Glass Dollar Bk. "
2d V. Pres. J. A. McComb
People's Nat'l Bk., Latrobe
Sec., Treas. & Gen. Mgr.,
Harry S. Calvert.....Pittsburg
Supt. & Pur. Agt. S. F. Schwerdt, Derry
Energy purchased from West Penn. Pwr. Co.
Repair shops and car barns at Derry Station.
7 miles; 5-2 g; 3 motor pass. cars. ★50

994—Woodlawn & Southern St. Ry.—Office, Third Ave. and Ross St. Pittsburgh. (Connects Woodlawn and Aliquippa.)
Pres. A. B. Shepherd.....Pittsburgh
V. Pres. & Gen. Fgt. Agt.
F. A. Ogden..... "

Sec. & Pur. Agt.
John L. Moore.....Pittsburgh
Treas. J. C. Watson..... "
Supt. J. H. Gano.....Woodlawn
Ch. Engr. D. L. Mekeel.....Pittsburgh
Energy purchased from Jones & Laughlin Steel Co.
Repair shops at Woodlawn.
5.331 miles; 5-8¼ g; 14 motor pass. and 7 work cars. ★70

995 — Philadelphia Co. — (Controls Pittsburgh Railways Co., Beaver Valley Trac. Co. and Pittsburgh & Beaver St. Ry.) (Owns Duquense Lt. Co. and controls several other lighting companies in and about Pittsburgh.) (The United Rys. Investment Co. owns over 62 p. c. of the outstanding common stock.)
Chrmn. Bd., James D. Callery, 435 6th Ave., Pittsburgh
Pres. A. W. Thompson " "
V. Pres. J. H. Reed. " "
Sec. W. B. Carson. " "
Asst. A. W. Stevenson " "
Secs. E. W. Washabaugh " "
Treas. C. J. Braun, Jr. " "
Asst. J. W. Murray " "
Treasrs., H. W. Annett " "
Compt., C. S. Mitchell.. " "
Asst. Compt., A. E. Dedrick.. " "
Gen. Mgr., A. Hurlbert ... " "
Pur. Agt., C. W. Lepper.. " "
Land Agt., R. E. Clark.... " "
Gen. Contracting Agt., A. E. Stanick . " "
★50

996—West Penn Trac. & Wtr. Pwr. Co.—West Penn Bldg., Pittsburgh. (Controls West Penn Rys. Co. and in turn is controlled by American Wtr. Wks. & Electric Co.)
Pres. A. M. Lynn.....Pittsburgh
V. Pres. A. V. Bennett..... "
Secs. Sec. Raymond B. Keating " Treas. C. C. McBride "
Asst. Secs. W. K. Dunbar, New York, N. Y.
Audr. M. W. Glover .....Pittsburgh
★50

POTTSTOWN. 16,794 (1916).

(See also No. 901.)

997—Pottstown & Phoenixville Ry. Co.—Office, Harrison Bldg., Philadelphia. (Leases Pottstown Passenger Ry. Co., Pottstown & Reading St. Ry. Co. and Montgomery & Chester Elec. Ry. Co.) (Operates in Stowe, Pottstown, Sanatoga, Linfield, Spring City (Royersford) and Phoenixville.)
Pres. Geo. N. Malsberger....Pottstown
V. Pres. Charles E. Fincke, Franklin Bank Bldg., Philadelphia
Sec., Treas. & Pur. Agt. C. Taylor Leland..... "
Audr. Charles W. Rambo...Spring City
Supt. Harry F. Swinehart.....Pottstown
Ch. Engr. Ralph Shaner..... "
Elecl. Engr. & M. M. Eugene Swinehart..... "
Power sta. equip. 1 d. c. Westg. 280 kw; 495 hp. e. Ball; trans. & trolley volt. 550 v.; energy also purchased from Phila. & Suburban Gas & Elec. Co. and Schuylkill Valley Illg. Co.
Power sta. at Pottstown; repair shops at Pottstown, Spring City and Phoenixville.
Reaches, owns and operates Sanatoga Park.

5 miles; 4-8½ g; 33 cars. (Company does general lighting and power business.) 50

POTTSVILLE. 22,372 (1916)

998—Eastern Pennsylvania Rys. Co.—Office, Pottsville.—(Owns and operates the Pottsville Union Trac. Co.; Pottsville & Reading Rv. Co., Schuylkill Haven & Orwigsburg St. Ry. Co., Schuylkill Elec. Ry. Co., Coal Castle Elec. Ry. Co., The Port Carbon & Middleport Elec. Ry. Co., Tamaqua & Pottsville Elec. R. R. Co., and Pottsville & St. Clair Elec. Ry. Co.) (Connects Pottsville, Schuylkill Haven, Orwigsburg, St. Clair, Pt. Carbon, Palo Alto, Glen Carbon, Minersville, New Philadelphia, Middleport, Tamaqua, Coal Dale, Lansford, Summit Hill, Nesquehoning, Mauch Chunk and East Mauch Chunk.)
Pres. J. H. Pardee, 43 Exchange Pl., New York N. Y.
V. Prests. Joseph K. Choate 43 Exchange Pl., " R. Walter Leigh 52 William St. " J. I. Mauge 43 Exchange Pl., "
Sec. & Treas. T. W. Moffat, 43 Exchange Pl., "
Asst. Secs. & Asst. Treas. H. B. Brown .. " L. A. Reinhardt, Pottsville
Gen. Mgr. C. A. Hall..... "
Operating Mgrs. J. G. White Management Corpn. 43 Exchange Pl., New York, N. Y.
Supt. of Rys. George R. Williams.....Pottsville
Asst. Supt. of Rys. W. R. Dean "
Claim Agt. J. A. Mower..... "
Mgr. Elec. Dept. H. L. Treeman "
Ch. Engr. Pwr. Sta. L. M. Mather "
M. M., N. M. Lentz..... "
Power sta. equip. 2 d. c. Walker tot. 700 kw. 500 v; 5 a. c. Allis-C. G. E. tot. 7200 kw. 2300 v. 3 ph. 60 cys. 5450 hp. e. Weth, Frick, Allis C; 4135 hp. b. Bab. & W. Heine, Keeler; trans. volt. 23,000 & 2300 v. trolley volt. 550 v.
Power stas. at Palo Alto, Frackville and Ashland.
Repair shops at Palo Alto and Lansford.
Reaches and owns Manila Grove and Tumbling Run Parks
70 miles; 4-8½ g; 54 cars. (Controls all lighting business in Pottsville and vicinity through the Eastern Pennsylvania Lt. Ht. & Pwr. Co.) ★50

PUNXSUTAWNEY. 10,511.

999—Jefferson Traction Co.—Office, 218 N. Findley St. (Controls Mahoning Valley St. R. R. Co.) (Connects Punxsutawney, Adrian, Anita, Florence, Eleanora, Wishaw, Reynoldsville, Rathmel, Soldier and Sykesville.)
Pres. E. F. Kirzen.....Towanda
V. Pres. D. H. Clark....Punxsutawney
Sec. B. M. Clark ... "
Treas. Jas. B. Phelan ... "
Audr. Henry C. Newall.....Towanda
Mgr. Westley E. Williams, Punxsutawney
Elec. Engr. & M. M. Harry Dinsmore..... "
Ch. Engr. W. C. Mason.....Laporte
Engr. Pwr. Sta. Chas Lang.....Punxsutawney
Roadmaster. C. H. Swann "
Engr. Ovhd. Constr. Chas. Sprankle..... "
Power sta. equip. 5 d. c. Ridg. tot. 1200 kw; 1900 hp. e. Ridg; 1350 hp. b. Meadville; trolley volt. 550 v.
Power sta. at Florence School House, Rathmel Jct.
Repair shops at Railroad St., Punxsutawney and Jackson St., Reynoldsville.
Reaches Jefferson, Highland and Alahoe Parks.

36 miles; 4-8½ g; 11 motor pass. and 2 exp. & fgt. mo. cars. 119

READING. 109,381 (1916).

(See also Nos. 891 and 901.)

1001—Mt. Penn. Gravity R. R. Co.—Office, Reading. (Connects Mineral Springs Park and The Tower, and operates on Mt. Penn.)
Pres. & Gen. Mgr. James Rick, Reading
V. Pres. E. C. Nolan.....
Sec. & Treas. Frank S. Livingood "
Supt. Jacob F. Seidel..... "
Reaches and owns "The Tower."
8 miles (approx.); 4-8½ g. Overhead trolley and gravity. (Operates in summer only.) 119

1002—Neversink Mtn. Ry. Co.—Office, 12 So. 5th St., Reading. (Extends from 9th & Penn Sts., south on 9th St., and winds around Neversink Mountain. (Controlled through stock ownership by Reading Transit & Lt. Co.)
Pres. E. L. West
50 Pine St., New York, N. Y.
V. Prests. { Treas. Thomas Cheyne.. " Joseph B. Taylor.... "
Sec. C. N. Wilson..... "
Asst. Sec. & Asst. Treas.
J. H. Bucher.....Reading
Audr. E. R. King..... "
Gen. Mgr. J. S. Avery..... "
Supt. Transp. & Gen. Fgt. & Pass. Agt.
J. P. Costello..... "
Claim Agt. R. D. Jones..... "
Pur. Agt. A. H. Barnum..... "
M. M. H. E. Aldrich..... "
Engr. M. of W., E. H. Werner.. "
Engr. Ovhd. Constr. J. C. Eyler "
Energy purchased from Metropolitan Edison Co.
Repair shops at 9th & Bingaman Sts.
5.72 miles; 4-8½ g; 7 motor pass. cars. (Operated during summer months only.) ★50

1003—Oley Valley Ry. Co.—Office, 12 So. 5th St., Reading. (Connects Reading, Friedensburg and Boyertown.) (Controlled through stock ownership by Reading Transit & Lt. Co.)
Pres. E. L. West
50 Pine St., New York, N. Y.
V. Prests. { Treas. Thomas Cheyne " Joseph B. Taylor 50 Pine St. "
Sec. C. N. Wilson....."
Asst. Sec. & Asst. Treas.
J. H. Bucher.....Reading
Audr. E. R. King..... "
Gen. Mgr. J. S. Avery..... "
Supt. Transp. & Gen. Fgt. & Pass. Agt., J. P. Costello...Reading
Claim Agt. R. D. Jones..... "
Pur. Agt. A. H. Barnum..... "
M. M., H. E. Aldrich..... "
Engr. M. of W., E. H. Werner.. "
Engr. Ovhd. Constr. J. C. Eyler. "
Energy purchased from Metropolitan Edison Co.
Repair shops at 10th & Exeter Sts., Reading.
Reaches Friedensburg Park (leased).
19.80 miles; 5-2½ g; 5 motor pass. and 2 fgt. mo. cars. ★50

1004—Reading Transit & Lt. Co.—Office, 12 South 5th St. Reading. (Successor to the Reading Transit Co.; leases the Lebanon Valley St. Ry. Co., and Schuylkill Valley Trac. Co., which in turn own or lease numerous underlying companies. Owns Oley Valley Ry. Co., Neversink Mtn. Ry. Co. In Sept., 1917, the United Traction Co. owned The Reading & Womelsdorf Elec. Ry. Co., Birdsboro St. Ry. Co., Boyertown & Pottstown Ry. Co., Front & 5th St. Ry. Co., which companies were part of merger of 1917 and are now out of business, (formerly operated under lease). Leased the Reading Trac. Co., The Reading City Pass. Ry. Co., East Reading Elec. Ry. Co., The Reading & Temple Elec. Ry. Co., The Reading & Southwestern St. Ry. Co., and Adamstown & Mohrsville Elec. Ry. Co. (Operates in counties of Lebanon, Berks, Lancaster, Montgomery and Philadelphia, all located in southeastern Pennsylvania. (Operates an electric urban and interurban railway in Reading, Birdsboro, Pottstown, Norristown, Conshohocken, Lebanon and other towns; direct connection is made with Philadelphia (Chestnut Hill) Allentown, Lancaster and Harrisburg.) (Under management of W. S. Barstow Management Assn., Inc.) (Owned by The General Gas & Elec. Co.)
Pres. E. L. West,
50 Pine St., New York, N. Y.
V. Prests. { Treas. Thomas Cheyne " L. H. Tyng..... "
Sec. C. N. Wilson..... "
Asst. Sec. & Asst. Treas.
J. H. Bucher..... "
Audr. E. R. King.....Reading
Gen. Mgr. J. S. Avery..... "
Gen. Fgt. & Pass. Agt.
J. P. Costello..... "
Supts. { G. W. Magill.....Norristown Thomas A. Dunlap.....Lebanon
Claim Agt. R. D. Jones.....Reading
Pur. Agt. A. H. Barnum..... "
M.Ms. { H. E. Aldrich..... " J. W. Gordon.....Norristown
Engr. M. of W. E. H. Werner... "
Engr. Ovhd. Constr. J. C. Eyler. "
Energy purchased from Metropolitan Edison Co.
Repair shops at Reading, Norristown and Lebanon.
Reaches Carsonia Ringing Rocks and Plymouth Parks.
Total mileage and equip: 203 miles; 5-2½ g; 276 motor pass., 12 exp. and fgt. mo. and 48 other cars. ★ 50

SCRANTON. 146,811 (1916).

1006—Lackawanna & Wyoming Valley R. R. Co. (Laurel Line).—Office, Terminal Sta., Scranton, Pa. (Formed by merger of the old Lackawanna & Wyoming Valley R. R. Co. and Scranton & Northeastern R. R., Central Valley R. R. and Wilkes-Barre R. R. Co.) (Extends from Borough of Dunmore to Wilkes-Barre via Scranton and Pittston) (Controlled by Scranton & Wilkes-Barre Trac. Corpn.)
Chmn. Exec. Com., Frank R. Ford,
115 Broadway, New York, N. Y.
Pres. Wm. C. Sproul.....Chester
V. Pres. Gen. Mgr. & Pur. Agt.
P. J. Murphy.....Scranton
Sec. S. C. Stivers,
115 Broadway, New York, N. Y.
Treas. F. W. Potts..... "
Audr. W. E. Pearson.....Scranton
Supt. Transpt. J. H. Murray... "
Claim Agt. T. M. Burrus..... "
Gen. Fgt. & Pass. Agt. W. L. Cairns "
Ch. Engr. Pwr. Sta. Geo. W. Esslinger "
M. M., M. F. Flatley.....Scranton
Roadmaster, R. P. Kearney.... "
Power sta. equip. 2 a.c. West. tot. 2500 kw. 3 ph. 25 cys; 2 a.c. turbo-gen. West. G.E. tot. 5500 kw. 3 ph. 25 cys; 2800 hp. b. Bab. & W.; trans. volt. 22,000 v; trolley volt. 650 v.
Power station and repair shops at Scranton.
Controls Valley View Park. Reaches Rocky Glen and Luna Park.
50 miles; 4-8½ g; 30 pass., 63 fgt., without motor, and 5 fgt. motor cars; 2 elec. locos. 50

1007—Scranton, Montrose & Binghamton R. R. Co. — (Formerly Scranton, & Binghamton R. R. Co.) 227 Wyoming Ave., Scranton. (Controls Scranton & Binghamton Trac. Co., and The Northern Electric St. Ry. Co.) Connects Scranton, Clarks Summit, Dalton, Factoryville, Nicholson, Brooklyn and Montrose.

Pres. W. L. Connell.....Scranton
Sec. A. Widdowfield..... "
Treas. F. W. Wollerton..... "
Audr. Jas. J. Moffat..... "
Gen. Mgr. R. W. Day..... "
Gen. Supt., & Pur. Agt.
R. L. Koehler..... "
Claim Agt. F. M. Francis..... "
Engr. Pwr. Sta. Wm. Watkins....Dalton
M. M., John McKeand..... "
Roadmaster, H. Wittfoot..... "

Power sta. equip. 4 a.c. West. tot. 5050 kva. 2400-3800 v. 3 ph. 25 cys; 2 stm. e. H. O. & R; 2000 hp. b. Frank., Heine; 3250 kw. (stm.) turb. West; 4200 hp. wtr. turb. West; trans. volt. 66,000-16500 v; trolley volt. 625 v.

5 sub. stas. tot. 3000 kw; 8 rot. conv; 1 mo.-gen. set.

Power sta. at Brookside, near Dalton.

Repair shops at Brookside.

Reaches Northern Electric Park and Lake Winola (owned).

27 miles owned (25 mi. 1st m. t., 2 mi. sid.); also 22 miles leased and 2 miles trackage rights. Total miles operated 51; 4-8½ g; 22 motor pass., 5 motor freight and 3 motor service cars. (Company does general lighting business.) ★70

1008—The Scranton & Binghamton Trac. Co., Lessee The Northern Electric St. Ry. Co.—Office, 227 Wyoming Ave., Scranton. (On March 1, 1914, by agreement between the Scranton & Binghamton Trac. Co. and Scranton, Montrose & Binghamton R. R. Co., the latter took over all property except from the City Line to Providence Square and from Providence Square to 227 Wyoming Ave. Tracks between the last named points are owned by Scranton Ry. Co., but by agreement the Scranton & Binghamton Trac. Co. have right to use same.) (Controlled by Scranton, Montrose & Binghamton R. R. Co.)

Pres. Ezra Ripple.....Scranton
V. Pres., Gen. Supt. & Pur. Agt.
R. L. Koehler..... "
Sec. & Treas. F. W. Wollerton.. "
Audr. James J. Moffat..... "
Gen. Mgr. R. W. Day..... "
Claim Agt. F. M. Francis..... "
Supt. Transp. J. C. Meixell.... "
Ch. Engr. T. C. Dougherty.... "

Power sta. equip:—(Operated by S. M. & B. R. R. Co.) 4 a. c. West. tot. 5050 kva. 2400-1650 v. 3 ph. 25 cys; 1200 hp. e. H. O. & R; 2000 hp. b. Heine, Frank; 3250 kw. stm. turb. West: trans. volt. 66,000-16,500 v; trolley volt. 625 v.

5 sub. stas. tot. cap. 2800 kw; 9 rot. conv.

Power Sta. and repair shops at Brookside.

Reaches Northern Electric and Lake Winola Parks

56 miles owned (48 mi. 1st m. t., 8 mi. sid.); also 2½ miles leased. Total miles operated 48; 4-8½ g; 22 motor pass., 8 motor freight, 4 trail freight and 1 trail service car. ★70

1009—Scranton Ry. Co.—Offices, 234 Lackawanna Ave., Scranton, and Witherspoon, Bldg., Phila. (Owns all lines in Scranton and operates under lease the Scranton, Dunmore & Moosic Lake R.R.) (The Scranton & Carbondale Trac. Co., Carbondale Ry. Co. and Lackawanna Valley Trac. Co. have been consolidated.) (Controlled by the American Railways Co., Philadelphia, Pa.) (Connects Pittston, Scranton and Carbondale.)

Pres. Van Horn Ely,.....Philadelphia
V. Prests. {H. J. Crowley.. "
{C. L. S. Tingley. "
Sec. & Treas. Walter W. Perkins "
Compt. & Asst. Sec.
Frank J. Pryor, Jr..... "
Gen. Mgr. Jilson J. Coleman.. .Scranton
Supt. Transp. William W. May. "
Claim Agt. J. J. Fahey..... "
Pur. Agt. G. C. Weirick ..Philadelphia
Ch. Engr. Pwr. Sta. E. A. Wildt ..Scranton
M. M., John F. Duffy..... "
Engr. M. of W., H. H. Dartt.... "
Engr. Ovhd. Constr. & Pwr.
A. J. Conlon..... "

Energy purchased from Scranton Elec. Co., trolley volt 550 v.

Repair shops at Scranton.

102.377 miles; 4-8½ g; 175 motor and 28 other cars. ★50

1010—Keystone Utilities Co.—(Incorporated in Nov., 1916, and has taken over the following companies operated by United Service Co.: Hanover & McSherrystown St. Ry. Co., Hanover Lt., Ht. & Pwr. Co., Gettysburg Electric Co., Du Bois Elec. Co., and Du Bois Traction Co., and Susquehanna County Lt. & Pwr. Co.)

Pres. F. J. Platt.....Scranton
V. Pres. E. J. Lynett..... "
Sec. G. T. Davis..... "
Treas. John Marsman
501 5th Ave., New York, N. Y. 50

1012—Scranton & Wilkes-Barre Trac. Corpn.—Offices, Richmond, Va. (Successor to Lackawanna & Wyoming Valley Rapid Transit Co. (Controls Lackawanna & Wyoming Valley R. R. Co.)

Chmn. Exec. Comm., Frank R. Ford,
115 Broadway, New York, N. Y.
Pres. Wm. C. Sproul.....Chester
V. Pres.
Walter H. Lippincott...Philadelphia
Sec. S. C. Stivers,
115 Broadway, New York, N. Y.
Treas. F. W. Potts.... " 50

1013—United Service Corpn.—Office, 700-716 Scranton Life Bldg., Scranton (Controls, through stock ownership, the following companies: The Ohio Service Co. (Coshocton, New Philadelphia, Cambridge and Dennison, O.); East Penna. Gas & Elec. Co., Bristol, Pa.; Jefferson Elec. Co., Punxsutawney and Reynoldsville, Pa.; Warren (Pa.) Lt. & Pwr. Co. and Wabash (Ind.) Wtr. & Lt. Co.; also operates Hanover (Pa.) Lt. Ht. & Pwr. Co.; Hanover & McSherrytown St. Ry. Co. (Hanover, Pa.); Triborough Wtr. Co., Tarentum, Pa., Gettysburg (Pa.) Elec. Co., Susquehanna County (Pa.) Lt. & Pwr. Co., Du Bois (Pa.) Elec. & Trac. Co. (which owns Du Bois Trac. Co. and Du Bois Elec. Co.), Latrobe (Pa.) Wtr. Co. and Consumers Wtr. Co., Montrose, Pa.)

Pres. Thos. R. Brooks.....Scranton
V. Pres. C. S. Woolworth..... "
Sec. Treas. & Gen. Mgr.
L. H. Conklin..... "
★50

SHAMOKIN. 21,129 (1916).

(See also No. 962.)

1014—Shamokin & Edgewood Elec. Ry. Co.—Office, Dime Bank Bldg. (Connects Shamokin & Trevorton and Shamokin & Weigh Scales).

Pres. & Gen. Mgr.
Sara W. Kulp.....Shamokin
V. Pres. Wm. C. McConnell... "
Sec., Treas. & Pur. Agt.
Jesse B. Kremer..... "

Audr. C. G. Graeber.....Shamokin
Supt. Frank Lugar..... "
Energy purchased from Pennsylvania Ltg. Co.
Repair shops at Shamokin.
Controls Edgewood Park.
15 miles: 4-8½ g; 22 cars. 70

SHARON. 18,616 (1916).

(See No. 855.)

SHENANDOAH. 29,201 (1916).

(See No. 928.)

SOMERSET. 2,612.

1015—Johnstown & Somerset Ry.—Office, 12 No. Main Cross St., (P.O. Box 266). Somerset. (Connects Johnstown, Davidsville, Holsopple, Jerome, Boswell, Jenners, Acosta, Coal Junction, Harrison, Somerset, etc.)
Pres. John A. Berkey.....Somerset
Sec. A. Kent Miller..... "
Treas. John G. Emert..... "
Mgr. & Ch. Eng. U.S. Houck..Johnstown
Energy purchased from Penn Elec. Service Co; trans. volt. 13,000 v; trolley volt. 600 v.
Sub-stas. at Holsopple and Somerset.
12 miles operated; 4-8½ g; 1 mo. car. (26 miles under construction.) 119

SOUTH BETHLEHEM. 29,201 (1916)

1016—So. Bethlehem & Saucon St. Ry. Co.—Office, 26 Mechanic St. Road sold to Bondholders Comm., July 31, 1920. (Connects So. Bethlehem (University Heights), Seldersville, Colesville, Freidensville, Centre Valley and Philadelphia via Lehigh Valley Transit System.)
Pres. Chas. P. Hoffman, South Bethlehem
Sec. W. H. Lauer..... "
Treas. & Gen. Mgr.,
Hugh E. Crilly.....Allentown
Audr. M. M. Cannon..... "
M. M., J. M. Cannon...South Bethlehem
Energy purchased from Allentown Elec. Lt. & Pwr. Co.; trolley volt. 575-600 v.
Repair shops at University Heights, So. Bethlehem.
Reaches park at University Heights (leased.)
7 miles; 4-8½ g; 8 motor pass. and 2 other cars. ★70

STEELTON. 15,548 (1916).

(See No. 931.)

STROUDSBURG. tot. 12,000 (1919)

(and East Stroudsburg)

1017—Stroudsburg Traction Co.—Office, 18 North 7th St. (Leases and operates the Stroudsburg Pass. Ry. Co. and the Stroudsburg, Water Gap & Portland Ry. Co. (Connects Stroudsburg, E. Stroudsburg, Water Gap and Portland.) Physical connection between the roads at Main and 7th Sts., Stroudsburg. Complete track connection with the exception of one grade crossing, from the D. L. & W. R. R. passenger sta. in East Stroudsburg, to 69th & Market Sts., Phila.)
Pres. & Gen. Mgr.
A. A. Holbrook.....Stroudsburg
Treas. H. E. Sweeney..... "
Supt. J. G. Geiser..... "
Energy purchased from Stroudsburg Elec. Lt. & Pwr. Co.; trolley volt, 550 v.
Repair shops at Stroudsburg.
Reaches one park (owned).
12.5 miles; 4-8½ g; 12 pass. motor cars, 1 other motor and 1 other car. 50

SUNBURY. 16,260 (1916).

1018 — Northumberland County Ry. Co.—Office, Masonic Temple, Sunbury (Connects Hamilton & Sunbury).
Pres. J. Simpson Kline,
Market & Front Sts., Sunbury
V. Pres. W. W. Hepburn,
1417 Pennsylvania Bldg., Philadelphia
Sec. Mary E. Fisher.....Sunbury
Treas. W. F. Rhoads, 1st Natl. Bk. "
Supt. T. A. Saxon,
504 Northway, Northumberland
Energy purchased.
11 miles (8 mi. 1st m. t., 1 mi. 2nd m. t., 2 mi. sid.); 4-8½ g; 15 motor pass., 1 motor freight and 1 motor service car. ★70

1019—Sunbury & Susquehanna Ry. Co.—Office, Market Sq., Sunbury. (A consolidation of Lewisburg & Milton Ry. Co. and Sunbury & Selinsgrove Elec. St. Ry. Co. (Connects Northumberland, Sunbury and Selinsgrove.)
Receiver & Gen. Mgr.
C. H. Grant.....Northumberland
Pres. Wm. H. Greenough.....Sunbury
Treas. Boyd A. Musser.....Scranton
Audr. J. C. Tresler.....Sunbury
Ch. Engr. & Sec. Dan Daily..... "
Power sta. equip. 2 d. c. West. tot. 650 kw.; 445 hp. e. Putnam, 600 hp. b. Putnam; trolley volt. 575 v.
1 sub. sta; 2 rot. conv.
Power sta. and repair shops at Rolling Green.
Reaches and owns Rolling Green Park.
9.2 miles (6.9 mi. 1st m. t., 2.3 mi. sid.)
Total miles operated 6.9; 4-8½ g; 16 pass., 1 freight and 1 service car. ★70

TAMAQUA. 10,840 (1916).

(See No. 998.)

TARENTUM. 7,414.

(See also No. 965a.)

1021—Tarentum[a] Brackenridge & Butler St. Ry. Co.—Office, Crescent St., Brackenridge; P. O. Address, Box 165, Tarentum (Connects Tarentum, Brackenridge, Natrona Heights and Birdville.)
Pres. H. M. Brackenridge,
Park Bldg., Pittsburgh
V. Pres. John McGinley.....Tarentum
Sec. & Treas. C. H. Maurhoff "
Gen. Supt & Pur. Agt. R.H. Boyd "
Energy purchased from Pennsylvania Salt Mfg. Co., Natrona; trolley volt. 550 v.
Repair shops at Brackenridge.
5.5 miles; 5 2½ g; 5 motor cars. ★70

TITUSVILLE. 8,713.

1022—Titusville & Cambridge Springs Railroad Co. (Formerly Titusville & Cambridge R. R. Co.)—Office, 170 Broadway, New York, N. Y. (Successor to the Erie & Central Pennsylvania Ry. Co.) (Will connect Titusville, Hydetown, Tyronville, Little Cooley, and Cambridge Springs.)
Pres. Wm. H. Bonynge,
170 Broadway, New York, N. Y.
Sec. James R. Gahan.....Titusville
Treas.
Terence J. McManus, New York, N.Y.
36 miles. (Under construction.) ★60

1023—Titusville Traction Co.—Office, 150 E. Diamond St., Titusville. (Connects Pleasantville, Fieldmore Springs, Titusville, Hydetown and Tyronville.)
Pres. Frederick W. Garven.
46 Cedar St., New York, N. Y.
V. Pres. Geo. H. Dunham.....Warren
Sec. & Treas. Harry L. Moore
Marine Bk. Bldg., Erie
Audr. Charles L. Beck,
1 Madison Ave., New York, N. Y.
Gen. Mgr. & Pur Agt.
Wm. J. Smith.....Titusville
M. M., C. W. Hawbaker..... "

Roadmaster, J. A. Lanunskie. . Titusville
Energy purchased from Titusville Lt. & Pwr. Co.
Repair shops at Fieldmore Springs.
Reaches Mystic Park (owned) and Fieldmore Park (leased).
16.71 miles; 4-8½ g; 10 motor and 8 other cars. 47

TOWER CITY. 2,325.

(See No. 1040.)

TYRONE. 7,176

(See No. 895.)

UNIONTOWN. 20,780 (1916).

(See also No. 991.)

1024—Fairchance & Smithfield Trac. Co.—Office, Uniontown.
Pres. Albert Gaddis.....Uniontown
V. Pres. W. W. Parshall.... "
Sec., Treas. & Gen. Mgr.
L. H. Frasher..... "
Supt. Owen M. Jones....Fairchance
Energy purchased from West Penn Pwr. Co.
2.75 miles; 5-2½ g; 3 cars. 50

UPPER DARBY. 500.

1025—Ardmore & Llanerch St. Ry. Co.—Office, Upper Darby. (Connects Llanerch and Ardmore.) (Leased to Philadelphia & West Chester Trac. Co.)
Pres. A. Merritt Taylor,
610 Commercial Trust Bldg., Philadelphia
V. Pres. H. Hayes Aikens,
610 Commercial Trust Bldg., "
Sec. & Treas. C. L. Rihl. . Upper Darby
Audr. E. F. Meyers..... " "
6.38 miles. 60

1026—Philadelphia & Garrettford St. Ry. Co.—Office, Upper Darby, Del. Co. (Extends from 69th St., Philadelphia, through Upper Darby, Drexel Hill, Garrettford, Clifton, Aldan, Collingdale, Sharon Hill and from Drexal Hill through Springfield and Media.) (Leased to Philadelphia & West Chester Trac. Co.)
Pres. Robt. L. Morgan....Philadelphia
Sec. & Treas. E. F. Meyers, Upper Darby
Power sta. and repair shops at Llanerch.
17.77 miles; 5-2½ g; 10 cars. ★60

1027—Philadelphia & West Chester Traction Co.—Offices, Upper Darby. (Leases Ardmore & Llanerch St. Ry. Co. and Phila. & Garretford St. Ry. Co.) (Extends from 63rd & Market Sts., Phila., to West Chester.)
Pres A. Merritt Taylor
610 Commercial Trust Bldg., Philadelphia
V. Pres. H. Hayes Aikens
610 Commercial Trust Bldg., "
Sec. & Treas. C. L. Rihl. . . Upper Darby
Audr. E. F. Meyers..... "
Supt. of Transp. J. T. Brosius "
Supt. Pwr. & Equip.
James E. Pyle..... "
Special Agt. V. A. Hengst.. "
Gen. Fgt. Agt. Harry Gable "
Ch. Engr. Pwr. Sta.
Edw. Mathers.....Llanerch
M. M., E. J. Patterson..... "
Supt. M. of W., A. E. Garwood. "

LLANERCH STA. EQUIP.—2 d. c. Westg. tot 800 kw. 600 v; 2 a. c. turbo-gen. Curtis, G.E. tot. 3500 kw. 445 v. 60 cys; 2 rot. conv. tot. 2250 kw; 1000 kw. transf. 445-13,000 v; 1850 hp. b. Edge.

RIDLEY CREEK STA. EQUIP.—500 kw. mo. gen. set; 2 d. c. turbo-gen. Curtis, G. E. tot. 1000 kw. 600 v.

DREXEL HILL SUB-STA. EQUIP—2 rot. conv. G. E. tot. 1000 kw; trans. volt, 13,000 v; trolley volt. 600 v.
Power stas. at Llanerch and Ridley Creek; sub-sta. at Drexel Hill.
Repair shops at Llanerch.
50.55 miles(24.45 miles leased); 5-2½ g; 37 motor cars, 3 snow plows and 3 sweepers. ★60

WANAMIE. 1,700.

1028—People's St. Ry. Co. of Nanticoke & Newport. Office, Power House, Wanamie. (Connects Nanticoke, Sheatown, Alden, Wanamie, and Glenlyon.)
Pres. K. M. Smith.....Alden Sta.
V. Pres. W. A. Wilkinson
59 No. Second St., Philadelphia
Sec. L. E. Hess,
1152 Market St., Berwick
Treas. Wm. Willis.....Nanticoke
Supt. & Elec. Engr.
Irving Runkel.....Wanamie
Claim Agt. R. B. Sheridan. . Nanticoke
Engrs. {Samuel G. Morgan. "
Pwr. Sta. {Joseph Shukweitis. "
Roadmaster, Charles Vandermark "
Engr. Ovhd. Constr.
W. R. Bruch.....Alden Sta.
Power sta. equip. 2 d. c. Allis C. West. tot. 850 kw; 1050 hp. e. B. & W. Allis C; 560 hp. b. Stir, Bab. & W. Harrisburg; trolley volt. 500-550 v. d. c.
Power sta. and repair shops at Wanamie.
Reaches and controls Kirmar Park at Wanamie.
8.5 miles; 4-8½ g; 10 motor pass. and 3 other cars; 1 snow plow. 59

WARREN. 14,737 (1916).

(See also No. 657a.)

1029—Warren St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Warren, Stoneham, Clarendon, Tiona and Sheffield.)
Pres. D. H. Siggins.....Warren
Sec., Treas. & Gen. Mgr.
H. A. Siggins..... "
Supt. G. A. Probst..... "
Asst. Supt. Wm. Kribiel..... "
Gen. Fgt. Agt. W. G. Jenkins....Russell
Asst. Mg'g & Pur. Agt.
H. W. Huston.....Warren
Ch. Engr. Pwr. Sta. Ray Porter.. "
Roadmaster, Gus Roos..... "
Power sta. equip. 4 a. c. Westg. tot. 1100 kw. 380 v. 3 ph. 25 cys; 1750 hp. e. (gas) Westg; trans. volt. 22,000 v; trolley volt. 550 v.
Power sta. at Stoneham.
Repair shops at Warren.
20.25 miles; 4-8½ g; 18 motor pass., 1 fgt. mo. and 2 other cars: 1 snow plow. (Company does lighting in Sheffield and Clarendon.) ★50

1030—Warren & Jamestown St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Warren, Pa., and Jamestown, N. Y.)
Pres. & Gen. Mgr. D. H. Siggins. Warren
V. Pres. Homer M. Preston, Tulsa, Okla.
Sec. & Treas. S. Q. Smith.....Warren
Ch. Engr. Pwr. Sta. Ray Porter.. "
Power sta. equip. 4 a. c. Westg. tot. 250 kw. 380 v. s. ph. 25 cys; 2500 hp. e. (gas) Westg; trans. volt. 22,000 v; trolley volt, 22,000 v. a. c.; 650 v. d. c.
2 sub-stas. tot. cap. 380-600 kw; 3 rot. conv.
Power sta. at Stoneham.
Repair shops at Warren.
21.93 miles; 4-8½ g; 7 motor cars and 1 other car. 87

WASHINGTON. 21,618 (1916).

(See No. 990.)

WAYNESBORO. 7,199.

1031—Chambersburg, Greencastle & Waynesboro St. Ry. Co.—Office, Bank of Waynesboro Bldg., Waynesboro. (Connects Chambersburg, Penmar, Blue Ridge, Marion, Greencastle, Zullinger, Waynesboro, Shady Grove, Rouzerville and Highfield, Md.) (Controls Waynesboro Elec. Co. and Blue Ridge Ry. Co. and is in turn controlled by the Hagerstown & Frederick Ry. Co.)
Pres. Emery L. Coblentz, Frederick, Md.
V. Pres. W. L. Minick.....Waynesboro
Sec. D. Norris Benedict.... "
Treas. Jay F. Shank..... "
Asst. Treas. & Audr.
R. E. Town.....Frederick, Md.
Gen.Mgr. M.A.Pooler, Hagerstown, Md.
Pur. Agt. R. V. Mitchell .Frederick, Md.
Supt. H. W. Price.....Waynesboro
Asst. Supt. W. M. Krise..... "
Power sta. equip. 3 d. c. C. W. Westg. tot. 700 kw; 4 a. c. Westg. Bull. C.-W, Allis C. tot. 1000 kw. 2000 v. 3 ph. 60 cys; 1000 hp. e. Russell; 1000 hp. b. Keeler; 650 kw. (stm.) turb. De Laval Allis-C; trans. volt. 22,000 v; trolley volt. 550 v.
Energy purchased from Hagerstown & Frederick Ry. Co.
Power sta. and repair shops at Waynesboro.
Reaches Pen Mar and Cold Spring Parks.
32 miles; 5-2 g; 15 motor pass., 2 other motor, and 3 other cars. ★60

WEST CHESTER. 13,176 (1916).

(See also No. 912a.)

1032—West Chester St. Ry. Co.—Office, 350 Bullitt Bldg., Phila., Pa. (Controls Coatesville Trac. Co.) (Extends from Kennett Square, where connections are made with lines for Avondale, West Grove, Brandywine Springs and Wilmington, Del., through West Chester to Downington and Coatesville and there connects with Conestoga Traction lines; connects at West Chester with lines to Philadelphia.)
Pres. Geo. D. Woodside...Philadelphia
V. Pres. Meyer Shamberg.. "
Sec.,Gen.Mgr.,Clm.& Pur.Agt.
Jonas Rice..... "
Treas. M. G. Woodside.... "
Gen. Supt. E. W. Goss..West Chester
Energy purchased from Chester Valley Elec. Co.; trolley volt. 575 v.
Repair shops at West Chester. Controls amusement park, "Lenape."
28.441 miles; 5-2½ g; 14 motor pass., 3 work and 3 flat cars; 1 snow plow. 50

WILKES-BARRE. 76,776 (1916).

(See also No. 933.)

1033—Plymouth & Larksville Ry. Co.—Subsidiary of Wilkes-Barre Railway Co.
Pres. Abram Nesbitt.....Wilkes-Barre
Supt. T. A. Wright..... "
3.5 miles; 4-8½ g; 3 motor cars. 50

1034—Wilkes-Barre Railway Co.—Exec. Office, Miners Bank Bldg. Leases and operates Wilkes-Barre & Wyoming Valley Trac. Co. (including Wilkes-Barre, Dallas & Harvey's Lake Ry. Co. with all its subsidiary companies).
Pres. Abram Nesbitt.....Wilkes-Barre
V.Pres., Gen.Mgr. & Pur. Agt.
T. A. Wright..... "
Sec. & Treas. C. W. Laycock "
Asst. Sec. & Asst. Treas.
Wm. S. Ben.....Wilkes-Barre
Supt. Transp. & Ch. Engr.
E. A. Hoffman
8 W. Market St., "
Claim Agt. E. L. Lindemuth "
Elec. Engr. J. K. Mann.... "
Ch. Engr. Pwr. Sta. & M.M.
Wm. H. Wheaton..... "
Asst. M. M. E. F. Reese.. "
Roadmaster, John Bierman. "
Power sta. equip. 8 d. c. G. E. tot. 4200 kw; 4 a. c. G. E. West. tot. 6,000 kw.6600 v. 3 ph. 25 cys; 7000 hp. e. Harris, Prov; 5000 hp. b. Bab. & W. Heine; 1500 kw. stm. turb. G. E; trans. 6600 v; trolley volt. 575 v.
Power sta. at Wood St.
Repair shops at Northampton St.
Reaches and controls Fernbrook and Sans Souci Parks.
113 miles; 4-8½ g; 175 motor cars. 50

1035—Wilkes-Barre & Wyoming Valley Trac. Co.—Office, Wilkes-Barre. Leased (with its subsidiaries) to Wilkes-Barre Railway Co. Controlled by the Interstate Rys. Co. through the United Pwr. & Transpt. Co.
Pres. John A. Rigg,
Widener Bldg., Philadelphia
Sec.&Treas. T.W.Grookett, Jr. "
Power sta. at Wilkes-Barre, Pa. ★50

WILLIAMSPORT. 33,809 (1916).

1036—East End Passenger Ry. Co.—Office, Cor. Willow & West Sts. (Owned by Lycoming Improvement Co., Williamsport.) For officers see Vallamont Traction Co. (No. 1038.)
Energy purchased from Lycoming Edison Co.
2.5 miles; 4-8½ g; 2 cars. 50

1037—South Side Passenger Ry. Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.) (Connects S. Williamsport & Williamsport.) For officers see Vallamont Trac. Co. (No. 1038.)
Energy purchased from Lycoming Edison Co.
1.8 miles; 4-8½ g; cars rented. 50

1038—Vallamont Traction Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.)
Pres. & Mgr. E. H. Davis..Williamsport
Sec.&Treas. J.W.Cochran, Jr. "
Ch.Elecn.&Engr.G.E.Wendle "
Supervisor Track H.M.Colton "
Energy purchased from Lycoming Edison Co.
Reaches and controls Vallamont Park.
3.6 miles; 4-8½ g; 7 cars. 50

1039—Williamsport Passenger Ry. Co.—Office, West & Willow Sts. (Owned by Lycoming Improvement Co., Williamsport.)
Pres. C. LaRue Munson..Williamsport
Sec. & Treas.
J. W. Cochran, Jr..... "
Mgr. E. H. Davis..... "
Asst. Mgr. G. E. Wendle... "
M. M. J. W. Strawbridge... "
Supervisor Track, H.M.Colton "
Energy from Lycoming Edison Co.'s plant on Hepburn St.
Repair shops at West 4th & Grier Sts.
8.25 miles; 4-8½ g; 26 motor and 17 other cars. 50

WILLIAMSTOWN. 2,904.

1040—Lykens Valley Ry. Co.—Office, Williamstown. (Reorganization of Lykens and Williams Valley St. Ry Co.) (Connects Lykens, Williamstown and Tower City.)

Pres. Louis Dellone.....Harrisburg
Sec. & Treas. John Oenslager, Jr.
711 No. 3d St., Harrisburg
Supt. P. E. Whisler
417 East Market St.,Williamstown
Energy purchased from Lykens Valley Lt. & Pwr. Co.; trolley volt. 600 v.
Repair shops at Williamstown.
10.1 miles; 5-2½ g; 7 motor pass., 3 motor service and 1 trail service car. (Will extend line to Reiner City.) ★50

WILLOW GROVE. 500.

(See No. 977.)

WOODLAWN. 1,396.

(See No. 994).

YARDLEY. 894.

(See No. 612.)

YORK. 51,656 (1916).

1041—York Railways Co.—Office, 27 W. Market St. (Owns entire capital stock of the Suburban Land Co. and the York Steam Htg. Co., and all except one-half share of the capital stock of the Edison Lt. & Pwr. Co.) (Connects Blairs Station, Spring Grove, Menges Mills, Hanover, Windsor, Red Lion, Dallastown, Wrightsville, Hellam, York Haven, Dover and Mt. Wolf.)
Pres.&Gen.Mgr.,Gordon Campbell,York
V. Pres. & Ch. Engr.
L. C. Mayer..... "
V. Pres. in Chge. Opr. J. E. Wayne. "
Sec. M. G. Stees..... "
Treas. & Pur. Agt. E. A. Barnitz... "
Audr. Jno. J. Landers..... "
Claim Agt.,
John A. Hoober..Security Bldg., "
Gen. Fgt. Agt. L. E. Graff..... "
Supt. Lt., Ht. & Pwr.
W. H. Long,41 W. Market St., "
Ch.Engr.Pwr.Sta. O. E. Grim.... "
M. M., E. L. Greene..... "
Roadmaster, S. P. Andrews..... "
Park Mgr. F. H. Hartley..... "
Power sta. equip. 2 d. c. G. E. Westg. tot. 750 kw; 2 a. c. G. E. Westg. tot. 525 kw. 2300 v. 3 ph. 60 cys; 2 a. c. turbo-gen. West. tot. 7500 kva. 2300 v. 60 cys.; 1500 hp. e. Allis-C, Rus; 3500 hp. b. Bab. & W; trans. volt. 23,000 & 2200 v; trolley volt. 575 v; energy also purchased from York Haven Wtr. & Pwr. Co.
Power sta. at Gas Alley & Water Sts.
Repair shops at Pennsylvania & Hartley Sts.
Reaches Highland, Brookside and Cold Springs Parks
85.15 miles (75.17 mi. 1st m. t., 5.28 mi. 2nd m. t., 4.7 mi. sid.); 4-8½ g.; 70 motor pass., 8 trail pass., 4 motor freight, 11 motor service and 5 trail service cars. (Company does general lighting and power business.) ★50

PHILIPPINE ISLANDS.

MANILA. 350,000.

1042—Manila Elec. Co.—Office, 43 Exchange Place, New York, N. Y. (Controls Compania de los Tranvias de Filipinas and La Electricista. (Connects Manila and suburbs.)
Pres. Charles M. Swift,
Grosse Pointe, Ferrisburg, Vt.
V.Prests. { J. H. Pardee.....New York, Jos. K. Choate..N. Y. J. C. Rockwell, 134 Marcelino, Manila.
Sec. & Treas.
T. W. Moffat..... New York, N. Y.
Audr., Asst. Sec. & Asst. Treas.
H. P. L. Jollye.134 Marcelino, Manila
Elec. Mgr. R. Lopes..... "
Mgr. Ry. Dept., C. E. Haygood. "
Supts. { Shops & Car Houses, F. J. Tew..... " Transpt. W. A. Seten..... " Track F. D. Jones..... "
Pur. Agt. W. J. Marion..... "
Claim Agt. C. H. Van Hooven.... "
Ch. Engr. Pwr. Sta. B. H. Blaisdell "
Power sta. equip. 5 a. c. turbo-gen. West., Allis-C. tot. 16,000 kva. 380 & 3600 v. 2 & 3 ph. 60 cys; 5300 hp. b. Bab. & W; 13500 kw. stm. turb. West., Allis-C.; trans. volt. 3400 v; trolley volt 600 v.
1 sub. sta: 4 rot. conv. (1-ry., 3 excit.)
Power sta. on Pasig River (Isla Provis), Manila.
Repair shops at 134 San Marcelino, Manila.
51.84 miles; 4-8½ g; 125 motor pass., 2 trail pass., 1 fgt. motor and 10 other cars. (Company does general lighting and power business.) ★50

PORTO RICO

MAYAGUEZ. 16,563.

1043—Mayaguez Tramway Co.—Office, No. 135 Concordia St. (Successor to Sociedad Anonima Tranvia de Mayaguez.)
Pres. & Gen. Mgr.
Clemente Javierre.....Mayaguez
V. Pres. José Durán..... "
Sec. Francisco Durán..... "
Treas. Matias Gil..... "
M. M., Pastor Carrera..... "
Power sta. equip. 1 d. c. G. E. 50. kw. 2300 v; 100 hp. e; 110 hp. b.
2 miles; 4 Gould storage battery cars. 60

PONCE. 35,027.

1044—Ponce Ry. & Lt. Co. (Formerly Ponce Elec. Co.)—Offices, Ponce; and 147 Milk St., Boston, Mass. (Owned by Porto Rico Corpn.) (Connects Ponce and the Playa Port.)
Pres. Harry T. Edgar,
147 Milk St., Boston, Mass.
V. Prests. { Marcy L. Sperry " " & Local Mgr. Gerard A. de Haseth..Ponce
Sec. Victor D. Vickery
147 Milk St., Boston, Mass.
Treas. H. B. Sawyer .... " "
Gen. Mgrs.
Stone & Webster, Inc... " "
Power sta. equip. 1 d. c. G. E. 150 kw; 3 a. c. G. E. tot. 1000 kva. 2300 v. 2 ph. 60 cys; 675 hp. e. McE; 826 hp. b. Bab. & W. Heine; 500 kw. stm. turb. G.E.;trans.volt.2300 v;trolley volt.575v.
Power sta. and repair shops at Hasto s Ave., Ponce.
5.53 miles owned (4.68 mi. 1st m. t., 0.85 mi. sid.); also 0.54 miles leased. Total miles operated 6.07; 1 meter g; 8 motor pass., 2 motor freight and 2 trail freight cars. (Company does general lighting and power business in Ponce and Playa.) ★70

SAN JUAN. 48,716.

1045—Porto Rico Rys. Co., Ltd.—Main office, 6 King St. East, Toronto, Ont., Can. (Owns and operates the Porto Rico Ry., Lt. & Pwr. Co. and the Porto Rico Constr. Co.)
Pres. D. E. Thomson, K. C.
Toronto, Ont., Can.
V.Pres. W. D. Ross..... "
Sec. & Treas. T. A. Spoor.., "

1046—Porto Rico Ry. Lt. & Pwr. Co. —Office, San Juan. (Operates steam line (18.02 miles) between Rio Piedras and Caguas; also operates by electricity through city of San Juan and Santurce to Rio Piedras with branch lines to Borinquen Park.) (Controlled by the Porto Rico Rys. Co., Ltd.)

Pres. & Gen. Mgr.
M. V. Dommech.....San Juan
V.Pres. & Asst. Gen. Mgr.
Fred. C. Clarke..... "
Sec. & Audr. G. Brewer..... "
Treas. R. F. Quixano..... "
Pur. Agts. Moody Engrg. Co.
90 West St., New York, N.Y.
Elec. Engr. & Supt. Ltg. & Pwr.
Div., Ross W. Cryder .....San Juan
Supt. Tramway, G. L. Enfors.. "

Power sta. equip. 1 d. c. Bull. 250 kw.; 9 a. c. Westg. G. E. tot. 6975 kw. 2300 v. 2 & 3 ph. 60 cys; 700 hp. e. Ames; 1650 hp. b. Cahill, Bab. & W; 1750 kw. stm. turb. Westg; 7800 hp. wtr. turb. Morris, Smith, W. S. M.; trans. volt. 22,000-4400-2200 v; trolley volt. 580 v.

Power stas. at Comerio and San Turcet.

Repair shops at Rio Piedras and Santurce,

Reaches and operates Borinquen Park. Santurce.

14.464 miles elec.; 4-8½ g; 35 motor pass., 10 trail pass., 99 fgt. and 6 other cars; 4 elec. and 6 stm. locos. (Company does general lighting and power business.) ★60

RHODE ISLAND

NARRAGANSETT PIER. 1,469.

(See No. 1052)

NEWPORT. 30,472 (1915).

1047 — Newport County Electric Co. (Formerly Bay State Street Railway Co.) — Local office, 449-455 Thames St., Newport. (Operates in Newport and from Newport to Fall River thru Middletown, Portsmouth and Tiverton.)

Pres. Arthur I. Glidden,
44 State St., Boston, Mass.
V. Pres. Robert S. Goff,
771 Rock St., Fall River, Mass.
Sec., Treas. & Mgr.
E. P. Gosling.....Newport
Audr. Alfred C. Hall ..... "
Pur. Agt. J. C. Earl McLennan. "
Engr. Pwr. Sta.
G. Alfred Eddy ..... "
M. M., C. L. Sewall .....Portsmouth
Engr. M. of W., Robert Bentley
Vernon Ave. Car Barn, Newport
Engr.Ovhd.Constr.G.W.Webster "

NEWPORT POWER STA. EQUIP., 4 d. c. G. E. tot. 1125 kw; 4 a. c. G. E. tot. 2500 kw. 3 ph. 60 cys; 275 hp. e. G. E; 1900 hp.b. Bab. & W; 3600 kw. stm. turb. G. E; trans. volt. 2200 v; trolley volt. 600 v.

PORTSMOUTH POWER STA. EQUIP. 2 d. c. G. E. tot. 825 kw.; 1 a.c. turbo-gen. G. E; 100 kw. 2300 v. 3 ph. 60 cys; 1200 hp. e. Prov; 750 hp. b. Bab. & W; trolley volt. 600 v.

1 sub. sta.

Power stas. at Thames St., Newport and Portsmouth.

Repair shops at Thames St., Newport and Vernon Ave., Newport.

22.2 miles; 4-8½ g; 20 motor pass., 4 motor service, and 5 misc. motor cars. ★70

1048—Newport & Providence Ry. Co. —Office, Newport. (Connects Newport, Middletown, Portsmouth and Bristol Ferry where connection is made by ferry with New York, New Haven, & Harthord R. R. to Providence.)

Pres. Edward A. Brown.....Newport
Sec. Clark Burdick..... "
Treas. Geo. E. Macomber, Augusta, Me.
Supt. & Pur. Agt.
Geo. M. Towle.....Newport
Energy purchased from Bay State Street Railway Co.

Repair shops at Middletown.

15.1 miles; 4-8½ g; 14 motor pass., 1 trail pass. and 3 motor service cars. ★60

PAWTUCKET. 55,335 (1915).

(See No. 1052.)

PROVIDENCE. 247,660 (1915.)

(See also Nos. 399a, and 1048.)

1050—Providence & Danielson Ry. (Leased to and now operated by the Rhode Island Co. as the Danielson Division.)

President John O. Ames.....Providence
V.Pres.
Theodore Francis Green.. "
Sec. & Treas.
Franklin A. Smith, Jr..... "
50

1051—Providence, Warren & Bristol R.R. Co.—Office, Room 225, South Station, Boston, Mass. (This section of the New York, New Haven & Hartford R. R. has been equipped with the overhead trolley system, and operates over double track from Providence to Warren, with a single track branch from Warren to Bristol, and from Warren to Fall River.)

Pres Frank W. Matteson...Providence
V. Pres. & Clerk,
Arthur A. E. Clark., New Haven, Conu.
Treas. E. M. Glidden....Boston, Mass.
Engr, Pwr. Sta. D. Hamel.....Warren
M. M., C. H. Reid.....Providence

Power sta. equip. 3 a. c. West. tot. 5250 kw. 13,200 & 2300 v. 3 ph. 25 cys; 2400 hp. b. Bab. & W.; 5250 kw. turb. (stm.) West; trans. volt. 13,200 v; trolley volt. 660 v. Emergency energy from Rhode Island Company.

3 sub-stas. tot. cap. 4350 kw; 10 rot. conv.

Power sta. and repair shops at Warren.

Reaches Crescent Park.

31.67 miles (14.44 mi 1st m. t.; 7.77 mi. 2nd m. t. and 9.46 mi. sid.); 4-8½ g; 33 motor pass., 25 trail pass. and 1 motor service car. ★50

1052—The Rhode Island Co.—Office, 100 Fountain St., Providence. (Owns Providence & Burrillville St. Ry. Co., Columbian St. Ry. Co., and the Woonsocket St. Ry. Co.; operates Sea View R. R. Co., Providence & Danielson Ry. The leases with the Union Railroad Co., Pawtucket St. Ry. Co. & R. I. Suburban Ry. Co. have been terminated, but the receivers are operating the lines under a decree of the Court. Controls all lines in Providence, Pawtucket and Woonsocket which it connects; also connects Cranston, No. Providence, Barrington, Coventry, Warren, Central Falls, Warwick, E. Greenwich, Cumberland, Lincoln, E. Providence, Burrillville, Scituate, Foster, Danielson, Wickford, Peace Dale, Wakefield, West Warwick and Narragansett Pier.) (Stock held by Messrs. Rathbone Gardner, John O. Ames, Theodore F. Green and William A. Viall, trustees of Rhode Island trolley lines, under decree of District Court of the U. S. Southern District of New York, Oct. 17, 1914.)

Recvrs. Frank H. Swan.....Providence
Theodore Francis Green..... "
Zenas W. Bliss..... "

Pres.&Gen.Mgr. A.E.Potter, Providence
Treas. E. E. Worrall..... "
Compt. H. B. Shaftoe..... "
Supt.Transpt. R.R.Anderson. "
Supt. (Northern Div.)
Frank H. Brown..... "
Claim Agt. C. E. Redfern..... "
Gen. Fgt. Agt. A. E. Paddock "
Pur. Agt.
J. H. Sanford.....New Haven, Conn.
Ch. Engr. H. W. Sanborn...Providence
Supt.Pwr.&Lines W.C.Slade. "
Ch.Engr.Pwr.Sta. D.P.Miner "
Supt. of Equip. W.D.Wright. "
Supt. Track A. V. Gardiner.. "

Power sta. equip. 2 d. c. G. E. West. tot. 5000 kw; 2 a. c. G. E. tot. 3000 kw. 11,000 v. 3 ph. 25 cys; 7,080 hp. b. Bab. & W., Big, Hornsby; 40,500 kw. stm. turb. Westg., G. E; trans. volt. 11,000 v; trolley volt. 600 v.
v; trolley volt. 600 v.

11 sub-stas. (2 with auto. cont.) tot. cap. 23,100 kw; 29 rot. conv.

Power sta. at Eddy and Manchester Sts., Providence, R. I.

Repair shops at Cranston St., Arlington, R. I.

Reaches Roger Williams Park, Crescent Park, Hunt's Mills, Rocky Point and Rhodes-on-Pawtuxet.

42 miles owned (38 mi. 1st m. t., 2 mi., 2nd m. t. and 2 mi. sid.); also 349 miles leased. Total miles operated 354; 4-8½ g; 1015 motor pass., 33 trail pass., 34 motor freight, 69 trail freight, 73 motor service and 93 trail service cars; 4 elec. locos. ★50

1053—The United Traction & Electric Co.—Office, Providence, R. I (Owns the Union Railroad Co., Pawtucket St. Ry. Co. and the Rhode Island Suburban Railway Co.; all of which are operated by Frank H. Swan. T. F. Green and Z. W. Bliss, Recvrs of the Rhode Island Co.)
Receiver, Sec. & Treasurer
Cornelius S. Sweetland.....Providence
Pres. Benjamin A. Jackson.... "
V. Pres. Frank W. Mateson... "
50

WAKEFIELD. 2,750.

1053a—Sea View R. R. Co.—(Connects E. Greenwich, Wickford, Narragansett Pier and Wakefield.) (Leased to and operated by The Rhode Island Co. as its Sea View Div.)
V. Pres. William A. Viall.....Providence
Sec.&Treas.Theodore F. Green "
★50

WESTERLY. 10,175 (1915).

(See No. 108.)

WOONSOCKET. 40,075.

(See Nos. 438 and 1052.)

SOUTH CAROLINA

AIKEN. 3,911.

(See No. 135.)

ANDERSON. 12,266 (1916.)

1054—Southern Public Utilities Co. For general officers see Charlotte, N. C. (Connects North Anderson and City of Anderson.)
Mgr. H. A. Orr.....Anderson
Supts. { Ry.Dept. Thos. F. Hill "
Plants & Lines Dept.
R. T Long..... "

Power sta. equip. 1 d. c. West. 150 kw.; 11 a. c. West, G. E. tot. 8750 kw. 2300 v. 3 ph. 60 cys; 750 hp. b. W. & W; 1000 kw. turb. (stm.) G. E; 12,000 hp. turb. (wtr.) Smith; trans. volt. 23,000—12,000 v; trolley volt. 750 v.
1 sub-sta. cap. 450 kw.

Power stas. at Portman and Greggs Shoals.

Repair shops at Anderson.

9.51 miles; 4-8½ g; 10 motor and 2 other cars. (Company does general lighting and power business.) ★70

CHARLESTON. 60,734 (1916).

1055—Charleston Consol. Ry. & Ltg. Co.—Office, 141 Meeting St., Charleston. (Leased the Charleston Consol. Ry., Gas & Elec. Co. for 99 years.) (Connects Charleston, U. S. Navy Yard and No. Charleston.) (The United Gas Improvement Co., of Phila., Pa., is interested in this Co.)
Pres. P. H. Gadsden.....Charleston
V.Prests. { Walton Clark 1401 Arch St., Philadelphia, Pa.
Lewis Lillie "
C. M. Benedict...Charleston
Sec. G. W. Curran.....Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
M. C. C. Tessier.....Charleston
Treas. I. W. Morris, 1401 Arch St., Philadelphia, Pa.
Asst. Treas.
Edw. C. Stathart.....Charleston
Mgr. Stuart Cooper..... "
Audr. C. J. Bendt..... "
Gen. Supt. Ry. Dept.
T. W. Passailaigue..... "
Asst. Gen. Supt. Ry.
F. A. Bailey..... "
Adjuster. E. G. Hastings..... "
Pur. Agt. J.A.Pearson, Philadelphia, Pa.
Engr. C. M. Roswell.....Charleston
Ch. Engr. Pwr. Sta. J.O.Moisson "
Constr. Engr. L. Y. Dawson..Charleston
Supt. Equipment, F. H. Harris "
Engr. Ovhd. Constr. E. A. Fox "

Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 3 a. c. turbo-gen. G. E. tot. 6000 kw. 2300 v. 3 ph. 60 cys; 1 a. c. turbo.-gen. West. 5000 kw. 13,200 v. 3 ph. 60 cys; 4668 hp. b. Franklin, Heine, B.&W.; G.E. & Westg.; trans. volt. 13200-66000-2300 v; trolley volt. 550 v.

2 substas. tot. cap. 1500 kw; Meeting St. substa.: 500 kw. mo.-gen. set; Five Mile substa.: tot. 1000 kw. G. E. rot. conv.

Power sta. at foot of Charlotte St. on Cooper River; reserve plant and repair shops at Meeting & Poinsett Sts.

Reaches Base Ball Park, Chicora Park, Naval Station and Hampton Park.

38.53 miles (21.64 m. 1st m. t.; 15.57 mi. 2nd m. t.; 1.72 mi. sid.); 4-8½ g; 69 motor pass., 13 trail pass. and 5 motor service cars (23 motor and 5 trail cars out of service.) (Company does general lighting and power business and sells energy to Charleston-Isle of Palms Trac. Co.) ★60

1056—Charleston-Isle of Palms Traction Co.—Office, New Charleston Hotel Bldg. (Owns and operates the Charleston-Isle of Palms Ry., and connecting ferry line, and a lighting plant which supplies light and power for Mt. Pleasant, Sullivan's Island, the Government Reservation and the Isle of Palms; the railway connects all these points.)
Pres. & Treas. James Sottile...Charleston
V.Pres., Gen.Mgr. & Pur.Agt. "
I. Blank..... "
Sec. Lawrence Pinckney..... "
Audr. E. H. Newton..... "
Elec. Engr. & M. M.
L. M. Freeman.....Mt. Pleasant

Power sta. equip. 2 d. c. G. E. tot. 450 kw; 2 a. c. G. E. West. tot. 225 kw. 2300 v. s. & 3 ph. 60 cys; 1000 hp. e. H. F. &

M; 1000 hp. b. H. F. & M.; trans. volt 500-550 v.
1 sub-sta. cap. 600 kw; 2 G. E. rot. conv.
Power sta. at Sullivan's Island; sub-sta. at Mount Pleasant.
Repair shops at Mount Pleasant.
Reaches Isle of Palms (owned).
9 miles; 4-8½ g; 11 motor and 11 other cars. ★119

COLUMBIA. 34,611. (1916.)

1057—Columbia Ry., Gas & Elec. Co.—Office, Columbia. (Formerly the Columbia Elec. St. Ry., Lt. & Pwr. Co.) (Connects New Brookland, Waverly, Shandon, North Columbia, Ridgewood, Eau Claire, College Place and Shandon Annex.) Controls Camp Jackson.
Pres. F. H. Knox.....Spartanburg
V. Pres. & Counsel
J. B. S. Lyles.....Columbia
Sec. R. Charlton Wright..... "
Asst Sec. L. F. Pearce..... "
Audr.
Chas. M. Tew..Arcade Bldg., "
Gen. Mgr. V. S. Wright... "
Sec. to Gen. Mgr. W. C. Daligny "
Supt. J. W. Spence..... "
Claim Agt. C. P. Davis.... "
Supt. Gas Dept. J.M.Steele "
Elec. Engr. J. A. Hancock. "
Asst. Elec. Engr. H. L. Sanders "
Engr. Pwr. Sta.
L. Hall.....Gervais St., "
M.M., W.C.Devane, Car Barn "
Power sta. equip. 6 d. c. G. E. tot. 2000 kw; 11 a. c. G. E, Westg. tot. 2,500 kw. 3350 v. 3 ph. 40 cys; 4000 hp. b. Stir.; 5500 kw. stm. turb. G. E. Westg. trans. volt. 3300 v; trolley volt. 580 v.
2 sub-stas., 6 rot. conv.
Power stas. at Parr Shoals and Columbia.
Repair shops at Columbia.
55 miles; 4-8½ g; 53 motor pass., 12 trail pass. and 4 other motor cars. (Company does general lighting and power business.) ★20†

GREENVILLE. 18,181 (1916).

(See also No. 765.)

1058—Southern Public Utilities Co.—Executive office, Charlotte, N C.
V. Pres. & Actg. Mgr.
A. V. Harrill.....Greenville
Supt. W. R. Childress..... "
Claim Agt. Luther Guy..... "
Engr. M. of W., S. J. Estes... "
Energy purchased from Greenville-Carolina Pwr. Co.; 3 rot. conv. West. G. E. tot. 1100 kw; trans. volt. 13,000 v; trolley v. 600 v.
Repair shops at East Broad St., Greenville.
Reaches and owns Dukeland Park.
14.23 miles; 4-8½ g; 23 motor pass. cars and 1 other motor car. (Company does lighting business.) 119

SPARTANBURG. 21,365 (1916).

1060—South Carolina Lt., Pwr. & Rys. Co.—Office, West Main Street. (Connects Spartanburg, Saxon, East Spartanburg, Glendale and Clifton.)
Pres. Philip G. Gossler
62 Cedar St., New York, N. Y.
V. Pres. & Gen. Mgr.
George B Tripp.....Spartanburg
Sec. & Treas. J. J. Thames, Jr.
62 Cedar St., New York, N. Y.
Asst. Treas. A. S. Jolly....Spartanburg
Supt. Ry. B. A. Buckheister. "
Gen. Supt. J. H. Axtell..... "
Power sta. equip. 3 d. c. G. E. West. tot. 600 kw; 6 a. c. G. E. Allis-C tot. 12,750 kva. 2200 v. 3 ph. 60 cys; 3000 kw. turb. (stm.) G. E; 2400 hp. b. Bab. & W; 16,000 hp. wtr. wh. Smith, Allis-C trans. volt. 33,000 v. 3 ph. 60 cys.; trolley volt. 620 v.
Power stas. (steam plant) at Spartanburg and (hydro-electric plants) at Gaston Shoals, 99 Island.
Repair shops at East Spartanburg.
21 miles; 4-8½ g; 21 motor pass. and 2 trail pass. cars. (Company does general lighting and power business.) ★50

SOUTH DAKOTA.

ABERDEEN. 11,846 (1915).

1061—Aberdeen Railroad Co. (Successor to Aberdeen Ry. Co.) Office, Aberdeen. (Connects Aberdeen and suburbs.)
Pres., Gen. Mgr. & Pur. Agt.
Chas. A. Howard.....Aberdeen
V. Pres. W. D. Swain..... "
Treas. A. L. Ward..... "
Sec. S. C. Hedger..... "
Audr. C. H. Youngman..... "
Atty. Chas. N. Harris..... "
Supt. & Ch. Engr. A.F.McQuillan "
Asst. Supt. Frank J. Biskup.... "
M. M., Geo. S. Benton..... "
Power sta. equip. 2 d. c. G. E. tot. 200 kw. Energy also purchased from Aberdeen Light & Power Co.; trans. volt. 2300 v; trolley volt. 550 v.
Repair shops at No. First St., Aberdeen.
Reaches Wylie Park, under management of Aberdeen Park Board.
5.85 miles; 4-8½ g; 10 motor pass. and 2 trail pass. cars, 1 other motor car; snow plow. 50

DEADWOOD. 3,653.

1062—Chicago, Burlington & Quincy R. R. Co.—Offices, 547 West Jackson Blvd., Chicago, Ill. and 10th & Farnam Sts., Omaha, Neb. (Steam road now operating by electricity, branch between Deadwood, Lead and Pluma.)
Pres. Hale Holden.....Chicago, Ill.
Asst. Treas. C. J. Ernst....Omaha, Neb.
V. Prests. { C. G. Burnham.. " "
E. P. Bracken.... " "
Sec. & Treas.
T. S. Howland " "
Audr. H. D. Foster.....Chicago, Ill.
Gen. Mgr.
G. W. Holdrege.....Omaha, Neb.
Asst. Gen. Mgr.
W. F. Thiehoff..... "
Supt. G. L. Griggs.....Alliance, Neb.
Asst. Supt. Trans.
O. E. Pearson.....Omaha, Neb.
Pur. Agt. L. N. Hopkins...Chicago, Ill.
Gen. Pass. Agt.
L. W. Wakeley. .....Omaha, Neb.
Gen. Fgt. Agt.
F. Montmorency..... "
Chief Engr.
A. W. Newton.....Chicago, Ill.
Asst. Chief Engr.
F. T. Darrow.....Lincoln, Neb.
Elecl. Engr. J. E. Gardner..Chicago, Ill.
M. M., G. E. Johnson....Alliance, Neb.
Energy purchased from Consolidated Lt. & Pwr. Co.
Repair shops at Deadwood.
Reaches McDonald Park, Deadwood and City Park, Lead.
4 miles; 3 g; 3 motor and 2 trail cars. ★50

SIOUX FALLS. 35,000. (1919.)

1063—Sioux Falls Traction System.—Office, 415 No. Main Ave., Sioux Falls.
Pres. & Gen. Mgr. F.M.Mills. Sioux Falls
1st V. Pres. A. C. Mills..... " "

2d V.Pres.,Sec.,Treas. Audr.
& Cl. & Pur. Agt.R.C.MillsSioux Falls
Supt., Ch.Engr. & Supt.Ovhd.
Constr. John K. Gibson... " "
M. M., John P. Dake..... " "
Engr. M. of W.
William Adams ..... " "

Energy purchased from Northern States Power Co.; trolley volt. 550 v.

Repair shops and car barns at 415 No. Main St.

Reaches Sherman, McKennan, Lake and Lein's Tower and Liberty Parks.

16 miles; 4-8½ g; 20 motor pass. and 2 other cars. ★50

TENNESSEE.

BRISTOL. 7,148.

1064—Bristol Traction Co.—Office, Bristol. (Operates in Bristol and extends to Big Creek.) (The Holston Valley Ry. (formerly controlled) has been electrified and is now consolidated with and operated as part of the Bristol Traction Co.) (On Sept. 15, 1917, property purchased by B. L. Dulaney and associates. Service has been suspended.) (Road dismantled, Dec 1918.)

Receivers { Fred. Dulaney.....Bristol
Joseph Caldwell..... "
Pres., B. L. Dulaney.....4th St., "
Sec. Treas. & Audr.
Wm. E. Eberhart, Jr..... "

Energy purchased from Bristol Gas & Elec. Co.

Repair shops at Bristol.

Reaches amusement park at Big Creek 15.30 miles; 4-8½ g; 12 motor and 2 freight cars. 19†

CHATTANOOGA. 66,075. (1916.)

1065—Chattanooga Ry. & Lt. Co.—Office, Hamilton Bk. Bldg. (Consolidation of the Chattanooga Rys. Co. and the Chattanooga Elec. Co.) (Owns entire capital stock of Lookout Mtn Ry. Co., (not included in receivership) which controls through ownership of all securities, Lookout Incline Ry. Co.) (Connects Chattanooga, East Lake, St. Elmo, Alton Park, Rossville, Lookout Mtn., Hill City, Boyce and Mission Ridge, Tenn., and Dodge, Ga.) (Controlled by the Tennessee Ry. Lt. & Pwr. Co.)

Receivers { Percy Warren...Chattanooga
John Graham... "
Pres. C. M. Clark,
321 Chestnut St., Philadelphia, Pa.
V.Prests. { & Gen. Mgr.
B. C. Edgar...Chattanooga
H. L. Clark, Philadelphia, Pa.
Sec. & Treas. G. L. Estabrook
321 Chestnut St., "
Asst. Sec. & Asst. Treas.
C. Wright.....Chattanooga
Gen. Supt. E. D. Reed ... "
Asst.Gen.Supt. H.B.Whiteman "
Supt. Ry. J. R. Anderson... "
Claim Agt. B. D. Haskins.. "
Pur. Agt. W. A. Boyles.... "
Ch. Engr. Pwr. Sta.
E. C. Williamson..... "
Engr.M. of W., R.C.Morrison "
Engr. Ovhd. Constr. W. J. Hill "

Power sta. equip.: 1 d. c. Westg. 1000 kw; 6 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 1400 hp. e. H. C.; 2686 hp. b. Bab. & W; 4000 kw. (stm.) turb. G.E.; trolley volt. 550 v. Energy also purchased from Tennessee Power Co.

Power sta. at Clift St.

Repair shops at 3rd & Market Sts.

69.31 miles; 4-8½ g; 80 motor and 12 other cars. (Company does lighting and power business.) ★70

1066—Chattanooga Traction Co.—Office, James Bldg., Chattanooga. (Connects Chattanooga, Signal Mountain and Red Bank and intermediate stations.)

Pres. C. E. James.....Chattanooga
V. Pres., Gen.Mgr., Pur. Agt.
& Ch. Engr., W. T. James "
Sec. D. F. Bickman..... "
Treas. John L. Davies..... "
Supt. C. A. Comer..North Chattanooga
Ch. Engr. Sub. Sta.
H. W. Hodgkins..... "
M. M., Wm. Raines..... "
Engr. M. of W.
W. J. Blackburn..... "

Energy purchased from Chattanooga & Tenn. River Pwr. Co.; trans. volt. 6600 v; trolley volt. 600 v; 1-300 kw. G. E. conv; 1-500 kw. G. E. conv; 1-500 Westg. conv.

Repair shops at No. Chattanooga.

20 miles; 4-8½ g; 11 motor and 9 other cars. 70

1067—Lookout Mountain Ry. Co. and Lookout Incline Ry. Co.—Office, Hamilton Nat'l Bank Bldg., Chattanooga, Tenn. (Operates incline to Lookout Mountain. Connects St. Elmo, Chattanooga and Lookout Mountain.) (Owned by Chattanooga Ry. & Lt. Co.)

Pres. C. M. Clark...Philadelphia, Pa.
V.Pres. B. C. Edgar.....Chattanooga
Sec. & Treas.
G. L. Estabrook..Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
C. Wright.....Chattanooga
Gen. Mgr. E. D. Reed..... "
Supt. H. L. Harbin..... "
Claim Agt. B. D. Haskins.. "
Pur. Agt. W. A. Boyles.... "
Elec. Engr. E.C.Williamson "
Engr.M.of W.,R.C.Morrison "

Energy purchased from Chattanooga Ry. & Lt. Co.; trans. volt. 6600 v; trolley volt. 550 v.

1 sub-sta.

10.795 miles; 4-8½ g; 12 motor and 2 other cars. 70

1068—Tennessee Ry., Lt. & Pwr. Co.—Office, 321 Chestnut St., Philadelphia, Pa. (Holding company and owns practically all of the common and preferred stocks of the Chattanooga Ry. & Lt. Co.; common stock of the Nashville Ry. & Lt. Co.; and capital stock of the Tennessee Pwr. Co. of Chattanooga.) (Under the management of E. W. Clark & Co. Management Corpn., Philadelphia, Pa. and Columbus, Ohio.)

Pres. C. M. Clark...Philadelphia, Pa.
V.Prests. { Geo.E.Hardy, NewYork,N.Y.
E.W.Clark..Philadelphia, Pa.
Sec. & Treas.G.L.Estabrook.. "
Asst. Secs. and Asst. Treasrs. { W. L. Lamont "
Jacob Hekma, "
New York, N. Y.
Clerk Wm. M. Bradley....Portland, Me.

★70

CLARKSVILLE. 8,548.

1069—Citizens Ry. Co.—Office, Clarksville. (Successor to Clarksville & Dunbar Cave Ry. Co.)

Pres. & Gen. Mgr.
W. E. Beach.....Clarksville
V.Pres. John J. Conroy..... "
Sec. S. Newberger..... "
Treas. C. W. Bailey..... "
Audr. R. B. Broster..... "
Supt. Allen Harris..... "

Energy purchased from Ky. Public Service Co.

Repair shops at 10th St., Clarksville.

5.5 miles; 4-8½ g; 4 motor cars. ★80

GALLATIN. 2,399.

(See No. 1076.)

HICKSVILLE.

(See No. 1070.)

JACKSON. 18,860 (1916)

1070—Jackson Ry. & Lt. Co.—General office, Chester's Levee, Jackson (Successor to the Jackson & Suburban St. R. R. Co.) (Connects Jackson & Hicksville.)
Pres. C. E. Claggett.....Louisville, Ky.
V. Pres. & Gen. Mgr.
S. S. Bush..... "
Sec. Geo. W. Lewis..... "
Treas.
Fidelity & Columbia Trust Co. "
Audr. H. R. Bland.....Jackson
Gen. Supt., & Pur. Agt.
John Wisdom..... "
Ch. Engr. & Engr. Pwr. Sta.
Bert Cardwell..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 4 a. c. turbo-gen. Westg. Allis-C. tot. 2350 kw. 2200 & 2300 v. 3 ph. 60 cys; 1445 hp. b. Vogt, Bab. & W; 1225 kw. stm. turb. Allis-C., Parsons trans. volt 2300 v.; trolley volt. 550 v.
Power sta. and repair shops at South Royal St.
7.25 miles, 4-8½ g; 13 motor pass. and 1 motor service car. (Company does general lighting and power business.) ★50

JOHNSON CITY. 10,925 (1916)

1071—Johnson City Traction Corpn.—Office Roan St., Johnson City. (Connects Johnson City and Carnegie.)
Pres. Thad A. Cox.....Johnson City
V. Pres. M. H. Merrill....Boston, Mass.
Treas. R. F. Tucker,
50 State St., Boston, Mass.
Audr. R. M. Clark.....Johnson City
Gen. Mgr. Amzi Smith.... "
Supt. G. C. Sanders..... "
Ch. Engr. Pwr. Sta.
Walter Wagner..... "
M. M., M. H. Collins..... "
Power sta. equip. 2 a. c. G. E. tot. 650 kw. 3 ph. 60 cys; 500 hp. e. Allis-C; 900 hp. b. C. & Z, Bab. & W; 500 kw. stm. turb. G. E; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. and repair shops at Roan St., Johnson City.
Reaches National Soldiers' Home.
6 miles; 4-8½ g; 15 motor pass. and 3 other motor cars. ★119

KNOXVILLE. 80,000.

1072—Knoxville Railway & Light Co.—Office, 626 South Gay St. (Connects Knoxville and Fountain City.) Controlled by the American Cities Co. New Orleans, La.)
Chmn. Exec. Comm.
J. S. Pevear.....Birmingham, Ala.
Pres. & Gen. Mgr. C. H. Harvey Knoxville
V. Pres. W. S. Shields..... "
Sec. & Treas. C. J. Pleming... "
Audr. C. A. Briggs..... "
Supt. Ry. T. C. Kelly..... "
Claim Agt. S. J. Herrell..... "
Pur. Agt. J. E. Lebow..... "
Ch. Engr. James Link..... "
Engr. Pwr. Sta. O. E. Collins.. "
Engr. Maint. of Way, F. J. Jones "
M. M., J. M. Kington..... "
Roadmaster, M. D. Wyrick... "
Engr. Lines & Constr,
C. D. Green..... "
Power sta. equip. 5 a. c. G. E. Allis-C. tot. 6800 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Hoover, Owens, Eng., Ham; 3900 hp. b. Bab. & W., Stir; 6000 kw. stm. turb. G. E. Allis-C.; trans. volt. 13,200 & 2300 v; trolley volt. 600-550 v.
1 sub. sta. cap. 1000 kw; 5 rot. conv.
Power sta. cor. 6th & Washington Aves.
Repair shops at Magnolia Ave.
Reaches and owns Chilhowee and Fountain City Parks.
54.76 miles (39.15 mi. 1st m. t., 13.35 mi. 2nd m. t., 2.25 mi. sid.) Total miles operated 42.78; 4-8½ g; 97 motor pass., 33 trail pass., and 10 motor service cars; (Company does lighting.) ★50

LOOKOUT MOUNTAIN. 631

(See No. 1067.)

MEMPHIS. 148,995 (1916).

1073—Memphis & Lake View Ry. Co.—Office, Walnut St. and Beale Ave. (Connects Memphis and Lake View, Miss.)
Pres. & Gen. Mgr.
T. H. Tutwiler.....Memphis
V. Pres. Luke E. Wright..... "
Sec. & Treas. L. Lemay..... "
Energy purchased from Memphis Consolidated Gas & Elec. Co.
10.83 miles; 4-8½ g; 4 cars. 50

1074—Memphis St. Ry. Co.—Office, Walnut St. & Beale Ave. (Controlled by the American Cities Co., New York, N. Y.)
Receivers { Gen. Mgr. T. H. Tutwiler....Memphis; Frank S. Elgin..... "
V. Pres. Luke E. Wright..... "
Sec. & Treas. L. Lemay..... "
Asst. Audr. W. T. Brown..... "
Gen. Supt. E. W. Ford..... "
Claim Agt. C. B. Proctor..... "
Pur. Agt. W. N. Ford..... "
Ch. Engr. J. H. Haylow..... "
Engr. Pwr. Sta. J. W. McCarty.
Supt. of Equip. & Ovhd. Lines
A. D. McWhorter..... "
Roadmaster, T. M. Gorman... "
Power sta. equip. 7 d. c. G. E. & Walker tot. 8800 kw; 13,900 hp. e. Allis-C. & Penn; 7820 hp. b. Bab. & W, Stir; trans. volt. 500 v; trolley volt. 550 v.
Power sta. at Fourth St. & Railroad Ave.
Repair shops at Walnut St. & Beale Ave.
Reaches East End, Overton and Riverside Parks and Tri-State Fair Grounds.
130.4 miles; 4-8½ g; 278 motor pass., 44 trail. pass., 1 fgt. and 35 service cars. 50

NASHVILLE. 117,057 (1916.)

1076—Union Trac. Co.—Office, 302 Second Ave., No. Nashville. (Successor to all the properties, rights and franchises of the Nashville-Gallatin Interurban Ry.) (Connects Nashville with Gallatin.)
Pres. H. H. Corson.....Nashville
V. Pres. John Bell..... "
Gen. Mgr. L. C. Connell..... "
Energy purchased from Nashville Ry. & Lt. Co.; 4 transf. G. E. tot. 200 kva. 2300-19,000 v.; trans. volt. 19,000 v., 3 ph. 60 cys; trolley volt. 600 v.
Sub-sta. cap. 600 kw; 2 rot. conv.
Sub-sta. and repair shops at Hendersonville.
Reaches and owns Rockland Park.
27.05 miles; 4-8½ g; 6 motor cars. ★50

1077—Nashville Interurban Ry.—Office, 533 Broadway, Nashville. (Connects Brentwood, Nashville and Franklin.)
Pres. & Treas.
John H. Carpenter.....Nashville
Sec. C. R. Cockle..... "
Audr. W. H. Parrish, Jr..... "
Gen. Mgr. & Pur. Agt.
Meade Frierson..... "
Supt. E. C. Shockley..... "
Energy purchased from Nashville Ry. & Lt. Co.

Sub-stas. at Brentwood and Franklin.
19.3 miles; 4-8½ g; 4 pass. and 2 frt. cars; 1 elec. loco. 50

1078—Nashville Ry. & Lt. Co.—Office, 605 Church St. (Absorbed the Cumberland Elec. Lt. & Pwr. Co. (Controlled by the Tennessee Ry., Lt. & Pwr. Co.)
Pres. C. M. Clark
321 Chestnut St., Philadelphia, Pa.
V. Pres. & Gen. Mgr.
B. C. Edgar.....Nashville
Sec. & Treas. G. L. Estabrook,
321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
B. F. Manning.....Nashville
Gen. Supt. J. P. W. Brown.... "
Asst. Gen. Supt. Jas. E. Carnes.. "
Supt. Ry. H. A. Davis..... "
Claim Agt. Kinney Harman.... "
Pur. Agt. H. B. Stubblefield.... "
Elec. & Mech. Engr. H. H. Bailey "
Ch. Engr. Pwr. Sta.
W. E. Campbell..... "
M. M., Geo. Swint..... "
Engr. M. of W., H. C. Benagh.. "
Power sta. equip. 1 d. c. G. E. 1600 kw; 4 a. c. turbo-gen. G. E. tot. 15,500 kw. 2300 v. 3 ph. 60 cys; 1600 kw. e. Int. Pwr. Co; 7940 hp. b. Bab. & W; trans. 120,000-19,000-13,200 v; trolley volt. 600 v.
3 sub-stas. tot. cap. 12,000 kw; 4 rot. conv.
Reaches Glendale Park (owned by company), Centennial Park and Shelby Park (owned by city).
100.27 miles; 4-8½ g; 214 motor pass., 23 trail pass. and 15 other cars. (Company does general lighting and power business.) 119

1079—Nashville Trac. Co.—Office, 150 Fourth Ave. N., Nashville. (Operates in Nashville and reaches suburbs.)
Pres. W. O. Palmer.....Nashville
V. Pres. C. M. Crawford..... "
Sec. & Treas.
P. V. Burington .....Columbus, O.
Audr. S. O. Wright.....Nashville
Gen. Mgr., Pur. Agt. & Ch. Engr.
G. B. Howard..... "
Supt. E. N. Woolard..... "
Claim Atty.
W. E. Steger... Steger Bldg., "
Elec. Engr. J. B. Mullins..... "
Energy purchased; trolley volt. 550 v. d. c.
4.5 miles constructed; 4-8½ g; 3 motor cars. (System will have about 25 miles of track when completed.) 129†

TEXAS.

ABILENE. 14,238 (1916).

1080—Abilene St. Ry. Co.—Office, 126 Cypress St., Abilene.
Road sold to Henry James & George L. Paxton of Abilene.
Supt. D. Coker.....Abilene
Energy purchased from Abilene Gas & Elec. Co., 3 ph. 60 cys.
Repair shops at Second & Dall Sts.
4.75 miles; 4-8½ g; 4 motor cars. Operation suspended following a fire; may be resumed in future. 119

AUSTIN. 34,814 (1916).

1082—Austin Street Ry. Co.—Office, Scarborough Bldg., Austin.
Pres. & Gen. Mgr. W. J. Jones..Austin
V. Pres. F. H. Watriss
1 E. 60th St., New York, N.Y.
Sec. & Supt. Claims D. A. Bush..Austin
Treas. E. P. Wilmot..... "
Asst. Sec. Guy P. Gannett, Augusta, Me.
Asst. Treas. Geo. E. Macomber "
Supt. Transpt. Chas. Ing.....Austin
Asst. Supt. Transpt. Geo. Milton. "
Elec. Engr.
Edw. Chisholm..... "
M. M., W. H. Tucker..... "
Supt. M. of W., W. H. Burdett.. "
Power sta. equip. 3 d. c. G. E. West. tot. 1350 kw; 805 hp. e. McI. & S, Rankin, Fitch; 875 hp. b. Bab. & W; 1000 hp. stm. turb. West; trans. and trolley volt. 550 v.
Power sta. and repair shops at Pressler St.
22 miles; 4-8½ g; 46 motor and 2 work cars. 50

BEAUMONT. 40,422 (1920).

1083—Beaumont Traction Co.—Office Terminal Bldg., Beaumont. (Securities owned by the Eastern Texas Elec. Co. which see for general officers.)
Mgr. Alfred F. Townsend....Beaumont
Supt. Transp. J. P. Morton... "
M. M., J. E. Gallaher..... "
Repair shops at 796 Irving Ave.
13.5 miles; 4-8½ g; 36 motor cars. 128

1084—Eastern Texas Elec. Co.—(Owns the securities of the Beaumont Traction Co., Jefferson County Traction Co., Beaumont Elec. Lt. & Pwr. Co., Port Arthur Lt. & Pwr. Co. and Port Arthur Ice & Refrigerating Co.) (Owns and operates the street Railway system in Beaumont; the interurban railway between Beaumont and Port Arthur (20 miles); the entire electric light and power business in Beaumont and Port Arthur; and an ice and refrigerating plant in Port Arthur.)
Pres.
Charles F. W. Wetterer, Boston, Mass.
Sec. George A. Peirce..... " "
Treas. Henry B. Sawyer.... " "
Gen. Mgrs.
Stone & Webster, Inc.
147 Milk St..... " "
Mgr. A. F. Townsend.....Beaumont
Supt. Rys. J. H. Russell..... "
Pur. Agt. H. C. Morrow..... "
Claim Agt. L. C. Singleton.... "
Supt. Pwr. Stas.
Joseph Bowers, Jr.....Port Arthur
Ch. Engr. F. C. Taylor.....Beaumont
M. M., H. C. Presslar..... "
Roadmaster, P. Cannon..... "
Engr. Ovhd. Constr.,
H. E. Brauning..... "
BEAUMONT PWR. STA.—3 a. c. West. tot. 3200 kw. 2300 v. 3 ph. 60 cys; 1 d. c. West. 300 kw. 500 v; 4 mo-gen. West tri. tot. 500 kw. 125 v.; 3 mo-gen. G. E. tot. 1100 kw. 600 & 1200 v; 475 hp. e. Cor; 4100 hp. stm. turb. West; 2200 hp. b. Stir. Bab. & W.
PORT ARTHUR PWR. STA., No. 1—3 a. c. G. E. West. tot. 1800 kw. 2300 v. 2 ph. 60 cys; 3 mo-gen. tot. 700 kw. 600 & 1200 v; 1500 hp. b. Stir. Bab. & W; 2445 hp. stm. turb. G. E., West.
PORT ARTHUR PWR. STA. No. 2—1 a. c. Allis-C, 4000 kw. 6600 v. 2 ph. 60 cys; 1800 hp. b. Bab. & W; 5462 hp. stm. turb. Allis-C.
Power stas. at Beaumont and Port Arthur, tot. cap. 9300 kw.
Repair shops and car house at Irving Ave., Beaumont.
32.7 miles; 4-8½ g; 51 motor pass., 4 trail pass. and 3 other cars. ★60

BROWNSVILLE. 13,163 (1916).

1085—Brownsville Street & Interurban Railroad Co.—Office, 1101 Elizabeth St.
Pres. Jas. A. Browne.....Brownsville
V. Pres., Audr. & Gen. Mgr.
D. A. O'Brien..... "
Sec. & Treas. A. W. Wood... "

Energy purchased from Brownsville Elec. Lt. & Wtr. Wks.
3.31 miles; 4-8½ g; 2 cars. 70

BRYAN. 4,132.

1086—Bryan & Central Texas Interurban Ry. Co.—Office, Bryan. (Connects Bryan, Stone City, Pittsbridge, Grant, Whitaker and Wilcox.)
Receiver J. W. Green.....Bryan
Pres. W. E. Saunders..... "
V. Pres. A. W. Wilkerson..... "
Mgr. for Recv. & Ch. Engr., L. M. Levinson..... "
Audr. & Sec. E. Loftin..... "
27.2 miles; 4-8½ g; 2 gasoline motor, 5 steam and 3 other cars. (Operates by steam for freight service.) 60

1087—Bryan & College Interurban Ry. Co.—Office, Bryan. (Connects Bryan, Hill Crest, Union Hill and College Station.)
Pres. S. S. Hunter.....Shreveport, La.
V. Pres. W. E. Saunders.....Bryan
Sec., Gen. Mgr & Pur. Agt. L. M. Levinson..... "
Treas. A. W. Wilkerson..... "
Audr. N. Penn..... "
Supt., Ch. Engr. Pwr. Sta. & M.M. Albert May..... "
Gen. Fgt. & Pass. Agt. W. J. Hunter..... "
Roadmaster, Wm. O'Dea..... "
Power sta. equip.: 1 d. c. G. E. 150 kw; 200 hp. e. (gas) F. M. & Co.; trolley volt. 600 v.
Pwr. sta. and repair shops at Bryan.
Reaches and owns Dellwood Park.
7.75 miles; 4-8½ g; 3 motor and 3 other cars. 60

CORPUS CHRISTI. 10,432 (1916).

1089 Corpus Christi Ry. & Lt. Co.—Office, 410 Starr St., Corpus Christi. (Successor to Corpus Christi St. & Interurban Ry. Co.)
Receiver R. U. Culberson.....Houston
Pres. John Gribbel....Philadelphia, Pa.
1st V. Pres. John J. Henderson. "
2d V. Pres. & Gen. Mgr. E. H. Eldridge.....Corpus Christi
Sec. & Treas. John S. Henderson..... "
Audr. Garnet Menger..... "
Supt. W. A. Whitworth..... "
Ch. Engr. W. E. Brooks..... "
Power sta. equip. 1 d. c. G. E. 150 kw; 4 a. c. G. E. Ft. W, West tot. 850 kva. 2,300 v. 2 ph. 60 cys; 850 hp. ● Diesel Bckye, Ball; 1200 hp. b. Stirling, Mur Bckye; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. at Laguna & Water Sts.
Repair shops at Laguna & Water Sts. and Tiger & Hughes Sts., Corpus Christi.
10 miles; 4-8½ g; 15 motor and 2 trail pass. cars. (Company does general lighting and power business.) ★50

CORSICANA. 10,022 (1916).

(See No. 1097.)

DALLAS. 124,527 (1916).

(See also No. 1116.)

1090—The Dallas Ry. Co.—Office, Interurban Bldg. (Has taken over the properties of Dallas Consolidated Elec. St. Ry., Metropolitan St. Ry. and Rapid Transit Ry. Co.)
Pres. J. F. Strickland.....Dallas
V. Prests. W. B. Head..... "
J. C. Duke..... "
C. E. Calder..... "
Gen. Mgr. Richard Meriwether. "
Sec. & Treas. J. B. Walker.....Dallas
Audr. W. R. Burns..... "
Pur. Agt. H. B. Fisher..... "
Supt. C. A. Swanson..... "
Claim Agt. P. Reddick..... "
Supt. Traffic, George I. Plummer... "
M.M. J. L. Brown..Elm & Peak Sts., "
Engr. M. of W. & Ovhd. Constr. B. R. Brown..... "
Energy purchased from Dallas Pwr. & Lt. Co.; trolley volt. 600 v.
Repair shops at Elm & Peak Sts.
Reaches State Fair Grounds.
90.58 miles; 4-8½ g; 272 motor and 7 other cars. ★40†

1090a—Dallas Southwestern Traction Co.—3d floor, Gaston Bldg. (Connects Dallas, Cement City, Irving, Grand Prairie, Mansfield, Alvarado, Cleburne and Glen Rose.)
Pres. E. P. Turner.....Dallas
1st V. Pres. Sam P. Cochran..... "
2d V. Pres. John L. Cleveland..Cleburne
Sec. & Treas. J. E. Bassett.....Dallas
Pur. Agt. J. J. Carter..... "
Ch. Engr. John T. Witt..... "
Elec. Engr. J. N. Jones..... "
Will purchase energy from Texas Pwr. & Lt. Co. Road contracted from Dallas to Irving via Eagle Ford and from Eagle Ford to Cleburne. 128

1091—Dallas Standard Traction Co.—Office, 1004 Commerce St., Dallas. (Connects Dallas and Mt. Auburn.)
Pres. & Gen. Mgr. J. Howard Power. Dallas
V. Pres. & Audr. M. M. Thompson "
Sec., Treas., Claim & Pur. Agt. F. B. Dunlap..... "
Supt. W. H. Bearden..... "
Ch. Engr. & Engr. M. of W., O. A. Teal..... "
Equipment rented from The Dallas Ry. Co., and energy purchased from Dallas Elec. Lt. & Pwr. Co.
1.25 miles; 4-8½ g. ★70

1092—Dallas Street Ry. Co.—Office, 500 First Bank Bldg., Dallas.
Pres. J. H. Miller.....Waxahachie
V. Pres. A. C. Moser.....Dallas
Sec., Treas., Gen. Mgr. & Pur. Agt. G. W. Works..... "
Equipment rented and energy purchased from The Dallas Ry. Co.
1.125 miles. 50

1097—Texas Electric Ry.—Office, 7th Floor, Interurban Bldg. (Owns and operates the properties formerly comprising the Texas Trac. Co. and the Southern Trac. Co. Operates elec. inter ry. system between Dallas and Denison, Dallas and Waco and Dallas and Corsicana, comprising 245.47 miles of track (of which 9.98 miles being entrance into Dallas, is leased), also local st. ry. systems in Denison, Sherman, McKinney, Corsicana, Waxahachie and Waco consisting of 33.98 miles of track. Enters Dallas over tracks of The Dallas Ry. Co. under trackage contract. Northern terminus: Denison, Grayson County; Southern termini: Waco, McLennan County and Corsicana, Navarro County.)
Pres. J. F. Strickland.....Dallas
V. Pres. & Gen. Mgr. Burr Martin. "
V. Pres. C. E. Calder..... "
Sec. & Gen. Pass. Agt. Jas. P. Griffin, "
Tax Commissioner J. C. Thompson "
Treas. & Gen. Claim Agt. H. I. Gahagan..... "
Audr. J. A. Wright.....Dallas
Supts. (No. Div. M. J. Loftus, Sherman
Transp. (So. Div. H. G. Floyd.....Dallas
Local Mgr. Waco City Lines..... "
A. J. Bush, Jr.....Waco
Supt. of Pwr. H. L. Ingram.....Dallas
Pur. Engr. A. D. Brinkerhoff.... "
Asst. Pur. Agt. C. F. McAuliff.... "

Supt. of Equip. W. Silvus ..... Dallas
Road masters { T. J. O'Conner ..... "
J. J. Stanley ..... Waco
B. H. Hart ..... Sherman

Energy purchased from Texas Pwr. & Lt. Co.; trans. volt. 33,000 v; trolley volt. 1200-600 v. single trolley catenary suspension.

Repair shops at Dallas and Waco.; 14 sub-stas.

269.47 miles owned, total miles operated 279.45; 4-8½ g; 190 interurban, 40 motor pass. 20 trail pass. 3 parlor, 9 motor exp. & bagg. 7 trail, exp. and bagg. 67 city pass., 4 work & line and ballast, flat and other cars. Owns terminal at Denison, Corsicana, Waco and Dallas. ★60

DENISON. 14,779.

(See No. 1097.)

EL PASO. 61,902 (1916).

1100—El Paso Elec. Ry. Co.—Address, P. O. Box 431; office 202 Martin Bldg. (Controls and operates El Paso & Juarez Trac. Co.; operates in El Paso and a line to Juarez, Mex.) (Securities owned by the El Paso Elec. Co.)
Pres. Marshall M. Pinney, 147 Milk St., Boston, Mass.
V. Pres. Jason C. Leighton. "
Sec. George A. Peirce..... "
Treas. Henry B. Sawyer.... "
Asst. Treas.
Robert O. Himel..... El Paso
Gen. Mgr. Alba H. Warren "
Asst. Mgr. Luke C. Bradley, 1111 Scanlon Bldg., Houston
Ry. Supt. Alves Dixon..... El Paso
Pur. Agt. E. R. Fontaine..... "
Claim Agt. Chas. A. Braun..... "
Gen. Fgt. & Pass. Agt. R.A.Gill. "
Ch. Engr. Chas. Learmouth..... "
Ltg. Supt. J. L. Alexander..... "
Elec. & Signal Engr. J. B. White. "
M M., J. E. Lawless..... "

Power sta. equip. 1 d. c. West 200 kw; 6 a. c. G. E. Allis-C. tot. 10,500 kva 2300 v. 2 ph. 60 cys; 300 hp. e. McE., 6290 hp. b. Bab. & W. Stir. A. & T: 10,500 kw. turb. (stm.) G. E. Allis-C.; trans. volt. 22,000 & 6600 v.; trolley volt. 600 v.

2 sub-stas. tot. cap. 2400 kw; 5 mo-gen. sets.

Power stas. at Santa Fe & 4th Sts.

Repair shops at Cotton & Olive Sts. Reaches Washington Park.

41.73 miles (33.72 mi. 1st m. t., 5.96 mi. 2nd m. t., 2.05 mi. sid.); 4-8½ g; 82 motor pass. 6 trail pass. 3 motor service and 2 trail service cars. (Company does general lighting & Power business in El Paso, Tex. and Jaurez, Mex.) ★50

1101—Rio Grande Valley Traction Co.—Address, P. O. Box 431; office, 202 Martin Bldg., El Paso. (Connects El Paso and Ysleta.) (Controlled by El Paso Elec. Ry. Co.)
Pres. Marhsall M. Phinney 147 Milk St..... Boston, Mass.
Sec. Hollis T. Gleason..... "
Treasrs. { Jason C. Leighton "
Henry B. Sawyer "
Asst. Treas. R. O. Himel.... El Paso
Gen. Mgr. Alba H. Warren..... "
Dist. Mgr. Luke C. Bradley, 1111 Scanlon Bldg., Houston
Supt. H. S. Potter..... El Paso
Pur. Agt. E. R. Fontaine..... "
Supt. Alves Dixon..... "
Claim Agt. Chas. A. Braun..... "
Gen. Fgt. & Pass. Agt. R. A. Gill. "
Ch. & Elec. Engr. & Engr. Ovhd. Constr. J. B. White. "
Ch. Engr. Pwr. Sta. Chas. Learmouth..... "
M. M., J. E. Lawless..... "

Energy purchased from El Paso Elec. Ry. Co.; 1 mo-gen. West. 300 kw. 2200 v; trans. volt. 22,000 v; trolley volt. 600 v. Sub. sta. (tot. cap. 300 kw.) at West Ysleta.

Repair shops at Cotton & Olive Sts. Reaches Washington Park.

9.81 miles owned (9.34 mi. 1st. m. t., 0.47 mi. sid.); also 7.01 miles trackage rights. Total miles operated 16.82: 4-8½ g; 4 motor pass. cars. ★50

1102—El Paso Electric Co.—Office 147 Milk St., Boston, Mass. (Owns the securities of El Paso Electric Ry. Co., El Paso & Juarez Traction Co. and Rio Grande Valley Traction Co. which companies do the entire electric railway, electric lighting and power business in El Paso, Tex., and Juarez, Mexico, and operate an electric railway between El Paso and Ysleta).
Pres. Marshall M. Phinney, Boston, Mass.
V. Pres. Joseph Remick... "
Sec. George A. Peirce.... "
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc... "

Power sta. equip.: 2 d.c. West. tot. 200 kw. 575 v; 6 a. c. G. E. Allis-C. tot. 10,500 kw; 2300 v. 2 ph. 60 cys; 804 hp. e. Ridge; 6615 hp. b. Bab. & W. Stir., A. & T; 10,500 kw. stm. turb. G. E., Allis C.; trans. volt. 22,000 and 6600 v; trolley volt. 575 v.

Power sta. and repair shops at El Paso.

Companies controlled own 51.54 miles (43.06 mi. 1st. m.t., 5.96 mi. 2nd m.t., 2.52 mi. sid.); operate 50.79 miles: 4-8½ g.: 86 motor pass., 6 trail pass., 3 motor service and 2 trail service cars. ★50

FORT WORTH. 104,562 (1916).

1103—Northern Texas Trac. Co.—Office, 400 Main St. (Operates in Ft. Worth; also an interurban line connecting Ft. Worth, Handley, Arlington, Dalworth, Grand Prairie and Dallas.) (Controlled by Northern Texas Elec. Co.)
Pres. Charles F. W. Wetterer Poston, Mass.
1st. Vice Pres.
Jason C. Leighton..... "
2nd. Vice Pres. & Mgr.
Geo. H. Clifford..... Fort Worth
Sec. George A. Peirce..... Boston, Mass.
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc... "
Asst. Mgr. & Claim Agt.
W. C. Forbess..... Fort Worth
Gen. Supt. V. W. Berry..... "
Pur. Agt. H. E. Hodgkins..... "
Gen. Fgt. & Pass. Agt.
R. L. Miller..... "
Ch. Engr. & Engr. Pwr. Sta.
E. L. White..... Handley
Elec. & Signal Engr.
J. B. Ledlie..... Fort Worth
M. M., J. T. Porter..... "
Roadmaster, W. L. Hunter..... Handley
Engr. Ovhd. Constr.
J. T. Irby..... "

Power sta. equip.: 4 a.c. West. Allis-C. tot. 2800 kw. 390 v. 3 ph. 25cys; 4200 hp. e. Cpr. H. O. & R; 5320 hp. b. Bab. & W; 8000 kw. stm. turb. West; trans. volt. 6 sub-sta. tot. cap. 6700 kw. 12 rot. conv.

Repair shops at Ft. Worth and Handley.

Repair shops at Ft. Worth and Handley.

Reaches and owns Lake Erie Park, Handley.

132.71 miles owned (87.98 mi. 1st. m.t., 32.37 mi. 2nd m.t., 12.36 mi. sid.); also 11.11 miles trackage rights. Total miles operated 131.45; 4-8½ g.; 197 motor pass., 29 trail pass., 3 motor freight, 5 motor service and 7 trail service cars. 8 auto. pass. buses. (Company does general lighting and power business.) ★60

1104—Tarrant County Traction Co.—Office, 400 Main St. (Successor to Fort Worth Southern Trac. Co.) (Controlled by the Northern Texas Elec. Co.) (Connects Fort Worth, Burleson and Cleburne.)
Pres. Charles F. W. Wetterer, 147 Milk St., Boston, Mass
V. Pres. Jason C. Leighton. "
Sec. George A. Peirce.... "
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc... "
Local Mgr. Geo. H. Clifford...Ft. Worth
Gen. Supt. V. W. Berry..... "
Pur. Agt. H. E. Hodgkins..... "
Claim Agt. W. C. Forbess .... "
Gen. Fgt. & Pass. Agt.
R. L. Miller ..... "
Ch. Engr. E. L. White.....Handley
Elec. & Signal Engr.
J. B. Ledlie.....Ft. Worth
M. M., J. T. Porter ..... "
Engr. M. of W., W. L. Hunter. "
Engr. Ovhd. Constr. J. T. Irby..Handley
Energy purchased from Northern Texas Trac. Co.; trans. volt. 15,000 v; trolley volt. 600 v.
2 sub-stas. tot. cap. 1050 kw; 4 rot. conv.
Repair shops at Fort Worth.
30 miles owned (28.9 mi. 1st m. t., 1.1 mi. sid.); also 6.4 miles trackage rights; 4-8½ g; 5 motor pass. and 1 motor freight car. (Company does lighting and power business.) ★70

1105—Northern Texas Elec. Co.—Gen. Mgrs. Stone & Webster, Inc. 147 Milk St., Boston, Mass. (Owns securities of Northern Texas Trac. Co.; capital stock of the Tarrant County Traction Co. (formerly Fort Worth Southern Traction Co.) and the Arlington Lt. and Pwr. Co. These companies do the entire electric railway business in Ft. Worth; the electric light, power, ice and water business in Arlington, and operate interurban electric railways between Ft. Worth and Dallas (35 miles) and between Ft. Worth and Cleburne (31 miles).
Pres. Chares F. W. Wetterer Boston, Mass.
Sec. George A. Peirce.... "
Treas. Henry B. Sawyer.. "
★60

GALVESTON. 41,863 (1916).

1106—Galveston Electric Co.—Office, Ave. I & 21st St. (Operates entire electric railway and a portion of the electric lighting and power business in Galveston.) (Controlled by Galveston-Houston Elec. Co.)
Pres. Chas. F. W. Wetterer, Boston, Mass.
V. Pres. Jason C. Leighton "
Sec. George A. Peirce..... "
Treas. Henry B. Sawyer... "
Asst. Treas. R. B. Lancaster..Galveston
Local Mgr. R. G. Carroll..... "
Supt. A. E. Hart..... "
Pur. Agt. F. V. Schneider..... "
Claim Agt. G. F. Pierce..... "
Ch. Engr. J. F. Usener.....Houston
Engr. Pwr. Sta. W. L. Hillin...Galveston
M. M., M. B. Osborne..... "
Engr. M. of W.,
Geo. McMullan..... "
Engr. Ovhd. Constr. C. A. Goss "
Power sta. equip. 2 d.c. G.E. tot. 650 kw.; 3 a.c. G.E. tot. 825 kva. 2300 v. 2 ph. 60 cys.; 1440 hp.e. F. & S.; 2099. hp. b. Bab. & W. 2 sub-stas. tot. cap 700 kw.; 3 mo.-gen. sets.
Power sta. and repair shops at Galveston.
38.43 miles (25.12 mi. 1st. m.t., 11.59 mi. 2nd m.t., 1.52 mi. sid.); 4-8½ g.; 72 motor pass., 2 motor service and 5 trail service cars. ★60

1107—Galveston-Houston Elec. Ry. Co.—(Company has rights of entrance into Galveston over tracks of the Galveston Elec. Co. and into Houston over tracks of the Houston Elec. Co.) (Connects Galveston and Houston.) (Controlled by the Galveston-Houston Elec. Co.)
Pres. Charles F. W. Wetterer, 147 Milk St., Boston, Mass.
V. Prests. { Luke C. Bradley....Houston; Jason C. Leighton, 147 Milk St., Boston, Mass.
Sec. George A. Peirce..... " "
Treas. Henry B. Sawyer.... " "
Asst. Treas. Harry L. Harding...Houston
Gen. Mgrs.
Stone & Webster, Inc...Boston, Mass.
Local Mgr. W. E. Wood.....Houston
Supt. G. G. Morse..... "
Pur. & Gen. Pass. Agt.
A. T. Kuaz..... "
Claim Agt. Bert Gray..... " "
Ch. Engr. J. F. Usener..... "
Elec. Engr. R. S. Reading..... "
M. M., F. J. Bennett..... "
Power sta equip. 2 a. c. G. E. tot. 3750 kva. 2300 v. 3 ph. 60 cys; 2160 hp. b. Bab. & W; 3000 kw. stm. turb. G. E: trans. volt. 33,000 v; trolley volt. 650-670 v.
2 sub-stas. tot. cap. 1200 kw; 6 mo. gen. sets.
Power sta. at Webster.
Repair shops at Houston.
Reaches Galveston Beach.
47.50 miles owned (44.21 mi. 1st m. t., 3.29 mi. sid.); also 12.412 miles trackage rights. Total miles operated 59.912; 4-8½ g; 13 motor pass., 5 trail pass., 3 motor freight and 10 trail service cars. ★70

1108—Galveston-Houston Elec. Co. Office of Gen. Mgrs., 147 Milk St., Boston, Mass. Owns the capital stock of the Galveston Elec. Co. and Houston Elec. Co., which companies do the entire electric railway and a portion of the electric lighting and power business in Galveston, and the entire electric railway business in Houston. Also owns capital stock of Galveston-Houston Elec. Ry. Co., an interurban electric railway operating between the cities of Galveston and Houston (47.50 miles). Power plants at Galveston, Houston and League City, tot. cap. 6582 kw.)
Pres.
Charles F. W. Wetterer..Boston, Mass.
Sec. George A. Peirce.... "
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc.... "
★70

1110—Mineral Heights St. Ry. Co.—Office, Greenville. (Successor to Wesley College Line.) (Extends from Mineral Heights to city of Greenville; has operating right of way over about ½ mile of Greenville Ry. & Lt. Co.'s track to business centre of Greenville.)
Pres. J. A. Phillips.....Greenville
V. Pres. & Gen. Mgr.
W. T. Wright..... "
Sec. & Treas. J. M. Massay... "
Energy purchased from Greenville Ry. & Lt. Co.
2.5 miles; 4-8½ g; 1 motor pass. car. 50

HOUSTON. 117,447 (1917).

1111—Houston Elec. Co.—Office, 517 Travis St., Houston. (Operates the entire system of street railways of Houston, which includes Westmore-

land R. R. Co. Connects Brunner, Harrisburg and Houston Heights with Houston.) (Controlled by Galveston-Houston Elec. Co.)
Pres. Charles F. W. Wetterer, 147 Milk St., Boston, Mass.
V. Prests. Luke C. Bradley....Houston; Jason C. Leighton, 147 Milk St., Boston, Mass.
Sec. George A. Peirce, 147 Milk St., " "
Treas. Henry B. Sawyer... " "
Gen. Mgrs. Stone & Webster, Inc... " "
Local Mgr. W. E. Wood.....Houston
Supt. Transp. G. S. Brush..... "
Pur. Agt. A. T. Kunz..... "
Claim Agt. Bert Gray..... "
Ch. Engr. J. F. Usener..... "
M. M., F. J. Bennett..... "
Engr. M. of W., P. S. Duenweg. "

Power sta. equip. 4 d. c. G. E. C-W. West. tot. 2107 kw; 3230 hp. e. Ham. H. O. & R; 2260 hp. b. A. & T. Stir., Bab. & W; trolley volt. 600 v.

1 sub-sta. cap. 1000 kw; 2 G. E. mo.-gen. sets.

Power sta. at cor. Commerce & Branch Sts., Houston.

Repair shops at Engelke & Milby Sts., Houston.

Sub-sta. at Pierce Ave., Houston.

80.527 miles owned (59.762 mi. 1st m. t., 13.685 mi. 2nd m. t., 7.08 mi. sld.); also 3.921 miles trackage rights. Total miles operated 83.519; 4-8½ g; 182 motor pass., 6 motor service and 6 trail service cars. ★70

1112—Westmoreland R. R. Co.—Office, Houston. (Operated by Houston Elec. Co.) (Connects Houston and Bellaire.).
Pres. W. W. Baldwin..Burlington, Ia.
Sec. & Treas. Max Eggert "
Gen. Mgrs. Stone & Webster, Inc....Boston, Mass.

4 miles; 4-8½ g. 70

LAREDO. 15,749 (1916).

1113—Laredo Elec. & Ry. Co.—Office, 1113 Farragut St., Laredo. (Operates in Laredo.)
Pres. R. W. Morrison, Chemical Bldg., St. Louis, Mo.
V. Pres. W. S. McCall.. "
Sec. H. E. Ellsworth.....San Anton o
Treas. & Audr. E. H. Gorse, Chemical Bldg., St. Louis, Mo.
Gen. Mgr. J. B. Morton.....Laredo
Pur. Agts. Morrison & McCall, Chemical Bldg., St. Louis, Mo.
Ch. Engr. Pwr. Sta. H. R. Mason, Laredo
M. M., R. H. Breneke..... "
Engr. M. of W., Jose Campos.... "
Engr. Ovhd. Constr. Ben Hernandez..... "

Power sta. equip. 1 d. c. G. E. 200 kw.; 6 a. c. G. E. West, W. E., C. W. tot. 3050 kva. 2300 v. 3 ph. 60 cys; 5250 hp. e. Snow, Ham, Cor. Rath, Ball, West Parsons; 1100 hp. b. Keeler, Heine; 1000 hp. stm. turb. West; trans. volt. 6600 v; trolley volt. 600 v.

Power sta. and repair shops at Laredo.

2.3 miles; 4-8½ g; 6 motor pass. cars and 1 motor freight car. (Company does general lighting business.) ★60

LONGVIEW. 5,155.

1114—Longview & Junction Street Ry.—Operation temporarily discontinued. (Connects Longview and Longview Junction.)
Pres. Mrs. C. A. Foster.....Longview
V. Pres. R. B. Levy.....Texarkana
Sec. & Treas. Mrs. Mark K. Mottley....Longview
Audr. W. B. McNaughton.... "
Mgr. & Pur. Agt. L. J. Everett. "
M. M., W. M. Scroggins..... "

1 mile; 4-8½ g; 3 cars. ★60

MARSHALL. 13,712 (1916).

1115—Marshall Trac. Co.—Office, 301 No. Washington Ave. (Controlled through stock ownership by American Public Service Co., 49 Wall St., New York, N. Y.)
Pres. & Mgr. C. H. Nandell....Marshall
Asst. Mgr. P. Campbell..... "
V. Pres. & Gen. Mgr. A. Hardgraves.....Dallas
Sec. E. S. Fry.....Marshall
Audr. J. M. Dickie.....Dallas
Pur. Agt. J. E. Meadors.. ..... "
Ch. Engr. J. B. Hart.....Marshall
Engr. Ovhd. Constr. H. M. Long "

Energy purchased from Marshall Elec. Co.; 1 d. c. C-W. 125 kw; 1 rot. conv.; trolley volt. 550 v.

Repair shops at W. Houston Ave.

Reaches Caven Park (owned by city). 4.5 miles; 4-8½ g; 7 motor pass. cars, 119

McKINNEY. 4,714.

(See No. 1097.)

PARIS. 18,000. (1919)

1116—Paris Transit Co.—Gen. Office, Interurban Bldg., Dallas; operating office, Paris. (Controlled by the Southwestern Pwr. & Lt. C , which is in turn controlled by Southwestern Utilities Corpn.)
Pres. H. L. Baker.....Paris
V. Pres. & Gen. Mgr. Walter N. Monroe..... "
Sec. & Treas. J. C. Thompson. Dallas

Energy purchased from Texas Power & Lt. Co; trans. volt. 2300 v; trolley volt. 500 v.

5.5 miles; 4-8½ g; 8 motor cars and 1 other car. 50

PORT ARTHUR. 22,251 (1920).

1117—Pier Ry. Co.—Office, 220 N. Main St., Dayton, Ohio. (Operated under agreement by Port Arthur Trac. Co.)
Pres. C. H. Bosler.....Dayton, O.
V. Pres. & Gen. Mgr. H. M. Smith.....Port Arthur
Sec. E. C. Harley.....Dayton, O.
Treas. S. Rufus Jones..... "
Audr. L. A. Bourgeois.....Port Arthur
M. M., H. E. Jones..... "

Energy purchased from Port Arthur Lt. & Pwr. Co.; trans. and trolley volt. 600 v.

Repair shops at 7th & Houston Aves.

Reaches Pleasure Pier.

1 mile; 4-8½ g; 4 motor cars. ★50

1118—Port Arthur Trac. Co.—Local office, 7th and Houston Aves.; Main office, 220 N. Main St., Dayton, O. (Operates in Port Arthur; also Pier Ry. Co.)
Pres. Chas. H. Bosler.....Dayton, O.
V. Pres. C. W. Dale, 503 Reibold Bldg., "
Sec. & Treas. S. M. Krohn 702 Commercial Bldg., "
Audr. L. A. Bourgeois.....Port Arthur
Gen. Mgr. & Pur. Agt. H. M. Smith..... "
M. M., H. E. Johns..... "
Roadmaster, W. M. Smiley... "

Energy purchased.

Repair shops at 7th and Houston Aves.

7 miles; 4-8½ g; 15 motor pass. and 8 trail pass. cars. ★60

SAN ANTONIO. 123,831 (1916).

1120—San Antonio, San Jose & Medina Valley Interurban Ry.—Office, 107 Ave. D. (Connects San Antonio and San Jose.)
Pres. & Gen. Mgr. A. D. Powers.....San Antonio
V. Pres. E. O. Burton..... "
Sec. C. A. Newton..... "

Energy purchased from San Antonio Public Service Co.
Reaches Swimming Pool and Public Bath House,
5 miles; 4 g; 3 cars. (Operates automobiles; electric car service temporarily discontinued.) 18†

1121—San Antonio Public Service Co.—Office, 305 E. Houston St. (In 1917 acquired the properties of San Antonio Traction Co. and the San Antonio Gas & Elec. Co.) (Controlled by American Lt. & Trac. Co.)
Pres. Emerson McMillin, 120 B'way, New York, N. Y.
V.Prests. W. B. Tuttle.....San Antonio; &Gen.Mgr. E.H.Kifer "; A.P.Lathrop, New York, N.Y.
Sec. & Treas. R. C. Jones....San Antonio
Audr. Perry L. King..... "
Claim Adj. Fred. J. Johnston "
Pur. Agt. Howard Henson... "
Supts. Elec. Geo. H. Cushman "; Transp. W. W. Holden "; Pwr. Sta. V. H. Brauning "; Equip. S. E. Mason "; M. of W. A. M. Courtney "
Consult.Engr. H.C. Abell, New York, N.Y.
Constr. Engr. G.W. Smith...San Antonio
Engr. Ovhd. Constr.
R. E. Sivley..... "
Power sta. equip.: 3 d.c. G.E., West., Allis-C. tot. 1425 kw.; 7 a.c. G.E., West., Allis-C. tot. 22,300 kva., 2300 v. 3 hp. 60 cys.; 4200 hp. e. Ham. Cor.; 8300 hp. b. Bab. & W.; 20,000 kw. stm. turb. G.E.; West., Allis-C. trans. volt. 13,200 v. trolley volt 600 v.
1 sub-sta. cap. 4750 kw.; 3 rot. conv.; 3 mo. gen. sets.
Power stas. at Concepcion Road and Villita & S. Presa Sts.
Repair shop opp. San Pedro Park.
92 miles (34 mi. 1st. m.t. 26 mi. (double track) 2nd m.t., 6 mi. sid.); 4 g.; 161 motor pass., 54 trail pass., 8 motor service and 12 trail service cars. (Company does general lighting and power business.) ★60

TEMPLE. 13,504 (1916).

1122—Southwestern Traction Co.—Office, Temple, Tex. (Connects Belton and Temple.)
Owners Wm. J. Yeager..Lewiston, Pa.; Calvin Green.... "; F. F. Downs.....Temple
Gen. Mgr. & Pur. Agt.
W. G. Haag.....Temple
M. M. & Engr. Ovhd. Constr.
W. C. Foore..... "
Claim Agt. G. M. Felts.....Belton
Engr. M. of W. Alf. Pedigo.....Temple
Power sta. equip. 2 d. c. Stan. tot. 300 kw; 400 hp. e. Bates; 450 hp. b. Keeler; trolley volt. 600 v.
1 sub.-sta. cap. 550 kw. 2 rot. conv.; 1 mo. gen.-set.
Power sta. and repair shops at Midway.
Reaches Bell County Fair Grounds (owned) and Lake Polk Park.
13.1 miles (12.56 mi. 1st. m.t., 0.54 mi. sid.); 4-8½ g.; 7 motor pass., 4 trail pass., 1 motor freight, 1 trail freight and 6 trail service cars; 1 elec. loco. ★60

TEXARKANA. 12,640 (1916).

(See No. 31.)

TEXAS CITY. 5,500 (1911).

1123—Texas City St. Ry. Co.—Office, Texas City. (Operations indefinitely suspended.) (Operated within city limits only. Through medium of gasoline motor cars, connection was made with Galveston-Houston Elec. Co. at Texas City Junction for Houston and Galveston and intermediate points. Also connected with ferry lines between Texas City and Galveston.)
Trustee, John C. Logue.....Houston
Pres. A. B. Wolvin.....Texas City
Sec. Harvey A. Thomas..... "
Mgr. & Pur. Agt. R. M. Orth. "
Energy purchased from Texas City Transportation Co.; trans. volt. 2200 v; trolley volt. 550 v.
4 miles; 4-8½ g; 2 motor and 2 other cars. ★50

WACO. 33,385 (1916).

(See also No. 1097.)

1124—Central Texas Elec. Ry.—Office, 2003-2009 Amicable Bldg., Waco. (Will connect Waco, Robinson, Levi, Mooreville, Ceqo, Belfals, Oenaville and Temple.)
Pres. & Gen. Mgr. O. A. Ryfle.....Waco
V. Pres. John F. Wright..... "
Sec. & Treas. J. L. Davidson.... "
Audrs. Upeleger & Falk..... "
Supt. W. G. Haag.....Temple
Ch. Engr. P. A. McCarthy..... "
(Under construction) ★60

WAXAHACHIE. 6,205.

(See No. 1097.)

WICHITA FALLS. 12,124 (1916).

1126—Wichita Falls Trac. Co.—Office, 505 Kemp & Kell Bldg., Wichita Falls.
Pres. J. A. Kemp.....Wichita Falls
V. Pres. Frank Kell..... "
Sec. & Treas. J. C. Mytinger.. "
Audr. C. L. Crowell..... "
Gen. Mgr. & Pur. Agt.
L. L. Allbritton..... "
Supt. Walter Morrow..... "
Claim Agt. A. W. Allen..... "
M. M., John Hawatay..... "
Engr. M. of W., J. T. Adams..... "
Engr. Ovhd. Constr.
J. C. Caywood..... "
Energy purchased from Wichita Falls Elec. Co.; trolley volt. 500 v.
Repair shops at 1906 Ninth St.
Reaches and owns Lake Wichita.
14.5 miles (12.5 mi. 1st m. t., 2 mi. sid.); 4-8½ g; 30 motor pass., 4 trail pass., 1 motor freight, 1 trail freight and 1 motor service car. ★50

UTAH.

BRIGHAM. 3,685.

(See No. 1127.)

LOGAN. 7,522.

(See No. 1127.)

OGDEN. 31,404 (1916).

1127—Utah-Idaho Central R. R. Co.—Office, 404-416 Eccles Bldg. (Successor to Ogden, Logan & Idaho Ry. Co., which had acquired the Ogden Rapid Transit Co. and the Logan Rapid Transit Co.) (Extends from Ogden to Hermitage, Idlewild, Pineview, Huntsville, Harrisville, Farr West, Poplar, Plain City, Hot Springs, Nerva, Willard, Perry, Davis, Brigham, Calls Fort, Honeyville, Madsen, Dewey, Collinston, Beaver Dam, Summit, Petersboro, Mendon, Wellsville, Hyrum, Millville, Providence, Logan, Greenville, Hyde Park, Smithfield, Mack, Richmond, Merrills, Sugarton, Kent, Quinney and Lewiston, Utah; Fairview, Whitney and Preston, Idaho; includes all city lines in Ogden, and Logan. Connections are

made with the Bamberger Elec. R. R. Co.)
Pres. M. S. Browning.....Ogden
1st V. Pres. Joseph Scocroft..... "
2d V. Pres. L. R. Eccles..... "
Sec. & Treas. Royal Eccles..... "
Audr. P. H. Mulcahy..... "
Gen. Mgr. & Pur. Agt.
W. A. Whitney..... "
Asst. to Gen. Mgr. C. F. Muller.. "
Supt. W. S. Law..... "
Gen. Fgt. & Pass. Agt.
J. W. Ellingson..... "
Ch. Engr. H. C. Errett..... "
Supt. M. P. & Elec. Engr.
G. W. Shaver..... "
Roadmaster (Interurban & City)
Wm. Corlis..... "

Energy purchased from Utah Pwr. & Lt. Co; 5 d. c. G. E., W. E. tot. 2300 kw; trans. volt. 44,000 v; trolley volt. 650-1500 v.

Sub-stas. at Ogden, Smithfield, Hot Springs and Dewey, tot. cap. 3300 kw.

Repair shops at Ogden, Utah and Preston, Idaho.

Reaches Lorin, Farr Park, Hermitage, Idlewild, Pineview and Pleasant View and Hot Springs Sanitarium.

137 miles (d. c. & catenary); 4-8½ g; 18 motor, 111 other cars exclusive of street cars; 6 elec. locos. ★50

PROVO. 10,645 (1916).

(See No. 1130.)

SALT LAKE CITY. 110,000 (Est.1914).

1128—Salt Lake, Garfield & Western Ry. Co.—Office, 1018 Kearns Bldg., Salt Lake City. (Connects Salt Lake City, Great Salt Lake and Saltair Beach, a distance of 15 miles. Line has been extended to Garfield, making a total route mileage of 20 miles.)
Pres. & Gen. Mgr.
Joseph Nelson..... Salt Lake City
V. Pres. Arthur Winter... "
Sec. & Treas. Joel Richards "
Supt. S. H. Beasley..... "
Claim Agt. Frank E. Hansen.. "
M. M., George Little..... "
Engr. Maint. of Way
O. Rassmussen..... "

Energy purchased from Utah Power & Light Co., trans. volt. 44,000 v. 3 ph; trolley volt. 1500 v. d. c.

2 automatic sub-stas. tot. cap. 1200 kw; 2-mo. gen. sets.

Repair shops at Salt Lake City.

Reaches Saltair Beach (owned).

20 miles; 4-8½ g; 6 motor pass., 18 trail pass., 3 trail freight and 2 trail service cars. ★50

1129—Bamberger Elec. R. R. Co.—Office, Elec. Ry. Bldg. (Successor to Salt Lake & Ogden Ry. Co.) (Connects Salt Lake City, North Salt Lake, Bountiful, Centreville, Farmington, Kaysville, Layton, Clearfield, Arsenal, Sunset, Roy, Orchard and Ogden.) (Connects with the Utah & Idaho Central R. R. Co. at Ogden and the Salt Lake & Utah R. R. Co. at Salt Lake City, also all diverting steam railroads.)
Pres. & Gen. Mgr.
Julian M. Bamberger..Salt Lake City
1st V. Pres. J. B. Bean..... "
2nd V. Pres. J. H. De Vine.....Ogden
Secy. & Ch. Engr. E. A. Vail... "
Treas. Simon Bamberger..... "
Audr. W. E. Jones..... "
Gen. Supt. N. S. Wiltsie..... "
Claim Agt. D. S. Romney.... "
Gen. Fgt. & Pass. Agt.
R. B. Needham..... "
Pur. Agt. Geo. O. Trunkey.... "
Elecl. Engr. Leonard Wilson.. "
M. M., M. L. Allen..... "
Foreman Ovhd. Constr.
Chas. M. Stayner.....Farmington
Roadmaster M. H. Malwits.....Ogden

Energy purchased from Utah Pwr. & Lt. Co.; trans. volt. 44,000 v; trolley volt. 750 v. d. c.

4 sub-stas. tot. cap. 2800 kw; 7 mo. gen. sets.

Repair shops at North Salt Lake.

Reaches Lagoon Park (controlled).

70 miles (36 mi. 1st. m. t., 26 mi. 2nd m. t. and 8 mi. sid.); 4-8½ g; 14 motor pass., 12 trail pass., 70 trail freight and 1 trail service car; 5 elec. locos. ★50

1130—Salt Lake & Utah R. R. Co.—Office, 222 So. West Temple St., Salt Lake City. (Connects Salt Lake City, Lehi, American Fork, Provo, Spanish Fork, Payson and Magna; also operates local line in Provo.)
Pres. & Gen. Mgr.
W. C. Orem..... Salt Lake City
V. Prests. { Jas. G. Berryhill Berkeley, Cal.
Gen. Atty.
Henry I. Moore, Salt Lake City
Sec. & Treas. F. M. Orem..... "
Audr. J. R. Brown..... "
Supt. & Ch. Engr. R. K. Brown "
Pur. Agt. R. M. Mitchell..... "
Traffic Mgr. Ross Beason..... "
Gen. Fgt. & Pass. Agt.
W. L. White..... "
Signal Engr. W. A. Hollien.... "
Ch. Engr. Pwr. Sta. & Engr.
Ovhd. Constr. W. P. Morford.. Payson
Elec. & Mech. Engr.
Leonard Wilson.....Salt Lake City
Roadmaster W. I. Williams.....Provo

Energy purchased from Utah Pwr. & Lt. Co. at 44,000 v. and transformed in 4 sub-stations to 1500 v. for use on trolley direct; 12 rot. conv. West. tot. 3000 kw. 750-1500 v; 12 transf. West. tot. 1800 kva. 44,000 v. 3 ph. 60 cys.

Sub-stas. at Granger, Lindon, Springville and Bringhurst.

75 miles (catenary); 4-8½ g; 11 elec. motor pass., 1 gasoline motor pass., 2 elec. motor freight and 65 other cars; 2 elec. locos. 119

1131—Utah Lt. & Trac. Co.—(Consolidation of Utah Lt. & Ry. Co. and Salt Lake Lt. & Trac. Co.) (Connects Salt Lake City with Murray, Sandy, Midvale, Bountiful, Centerville and Holliday.) (Electric light and power and gas properties leased to and operated by Utah Power & Lt. Co.)
Pres. C. W. Whitley....Salt Lake City
V. Prests. { S. R. Inch..... "
O. J. Salisbury. "
C. E. Groesbeck "
D. F. McGee, New York, N. Y.
Sec. & Treas.
W. E. Blodgett.....Salt Lake City
Asst. S. A. Whitney..... "
Secs. { L. W. Osborne..New York, N. Y.
Asst. E. P. Summerson "
Treasrs. { E. O. Howard.. "
Mgr. H. F. Dicke.....Salt Lake City
Traffic Supt.
Geo. W. Manning..... "
Claim Agt. Frank E. Hanson "
Pur. Agt. A. D. Smith... "
Ch. Engr. L. L. Dagron.. "
M. M., E. E. Franklin... "

Energy from Utah Pwr. & Lt. Co.; repair shop at Salt Lake City.

Reaches "Wandamere" Liberty Park, Bonneville Park, Pioneer Park, Fort Douglas and Beck's Hot Springs.

146.12 miles; 4-8½ g; 165 motor pass., 10 trail pass. and 42 other cars; 4 elec. locos. 119

VERMONT

BARRE. 12,160 (1916.)

(See No. 1137.)

BELLOWS FALLS. 4,883.

1132—Bellows Falls & Saxton's River St. Ry. Co. Address, P. O. Box 711, Bellows Falls.

Pres.
D. A. Blakeslee...New Haven, Conn.
Sec. Geo. A. Weston.....Bellows Falls
Treas. S. C. Morehouse.... "
Mgr. & Pur. Agt.
E. A. Pierce..... "
Gen. Fgt. Agt.
J. B. Battigan..... "
M. M., P. M. Wooley..... "
Roadmaster, J. Pollard..... "
Energy purchased from Fall Mtn. Elec. Lt. & Pwr. Co; 2 rot. G. E. tot. 300 kw. 600 v. 3 ph. 60 cys; trans. volt. 2250 v; trolley volt. 575 v.
Repair shops at N. Westminster St.
Reaches and owns Barber Park.
7.5 miles; 4-8½ g; 14 motor pass., 3 motor freight and 5 motor service cars; 2 elec. locos. ★70

BENNINGTON. 6,211.

(See also No. 650.)

1133—The Vermont Co.—Office, 129 Church St., New Haven, Conn. (Acquired the part of the Bennington & North Adams St. Ry. Co. located within the State of Vermont. The part of the Bennington & North Adams St. Ry. Co. located in the State of New York was acquired by the Hoosick Falls R. R. Co. Connects Bennington and Pownal, Vt., and Bennington and No. Adams, Mass. (Controlled by the New York, New Haven & Hartford R. R. Co.) (Leases the Hoosick Falls R. R. Co., and is itself leased for ninety-nine years from Feb. 1, 1911, to the Berkshire St. Ry. Co.)
Pres. Howard Elliott. New Haven, Conn.
V. Pres. L. S. Storrs. "
Treas. R. E. Healy.....Bennington
Audr. I. A. May....New Haven, Conn.
Gen. Mgr.
G. Q. Richmond,....Pittsfield, Mass.
20.461 miles; 4-8½ g. 50

BRATTLEBORO. 6,517.

1134—Twin State Gas & Elec. Co. (Brattleboro Div.)—Local office, 180 Main St. General office, 55 Congress St., Boston, Mass. (Absorbed Brattleboro St. Ry. Co. and owns Berwick & Salmon Falls Elec. Co.) (Connects Brattleboro, Centerville & W. Brattleboro.) (A subsidiary of Middle West Utilities Co.)
Pres. Samuel Insull.....Chicago, Ill.
V. Pres. Howard L. Olds..Boston, Mass.
Sec. & Audr. H. L. Harris, " "
Treas C. A. Forrest..... " "
Asst. Sec. & Asst. Treas.
J. F. Reilly.....New York, N. Y.
Mgr. W. H. Richardson.....Brattleboro
M. M., P. R. Stockwell.... "
Power stas. equip. 1 d. c. West. 290 kw. 550 v; a. c. Stan. 300 kw. 11,000 v. 3 ph. 60 cys; 865 hp. turb. (wtr.) Smith, Hunt; energy also purchased from Connecticut River Pwr. Co.; trans. volt. 11,000 v; trolley volt. 550 v.
Power sta. at West Dummerston.
Repair shops at Brattleboro.
5.5 miles; 4-8½ g; 7 motor pass. cars (Company does electric and gas lighting business. 50

BURLINGTON. 21,617 (1916).

1135—Burlington Traction Co.—Office, cor. Church and Main Sts. (Controls Military Post. St. R. R.) (Connects Burlington, Essex Junction and Winooski.)
Pres. Elias Lyman.....Burlington
V. Pres. & Treas. John J. Flynn "
Sec. C. W. Brownell..... "
Supt. & Pur. Agt. T. B. Jones "
Asst. Supt. H. D. Hendee.... "
Elec. & Ch. Engr. R. Whalen, Burlington
Fmn. Pwr. Sta. Bert Shaw... "
Power sta. equip. 2 a. c. West. tot. 1500 kw. 2400 v. 3 ph. 60 cys; 1900 hp. turb. (wtr.) Hol; trans. volt. 22,000 v; trolley volt. 600 v.
Power sta. at Vergennes; repair shops at Burlington.
Reaches Queen City and Ethan Allen Parks.
12 miles; 4-8½g; 40 motor cars. (Company does lighting business in Shelburne and Vergennes.) 50

1136—Military Post St. R. R.—Office, Cor. Church & Main Sts. (Controlled by Burlington Trac. Co., which see for officers.)
Energy from Burlington Trac. Co.
5 miles; 4-8½ g; 6 cars, 1 snow plow. 50

MONTPELIER. 7,856.

1137—Barre & Montpelier Trac. & Power Co.—Office, 20 Langdon St. (Connects Barre, Berlin and Montpelier.)
Pres. H. T. Sands
291 Devonshire St., Boston, Mass.
V. Prests. {A. B. Tenney.... " / D.E.Manson..... "}
Treas. E. A. Bradley..... "
Audr. Isaac S. Hall..... "
Mgr. C. J. Cookson.....Montpelier
Supt. Charles M. Durrell.... "
Energy purchased from Montpelier & Barre Lt. & Pwr. Co.; 2 d. c. G. E. tot. 450 kw; trolley volt. 575 v.
1 sub-sta. cap. 450 kw; 2 mo. gen. sets (1-250 kw. & 1-200 kw.)
Repair shops at Montpelier.
Reaches and owns Dewey Park and Inter City Park.
10.25 miles; 4-8½ g; 14 motor pass. and 2 other motor cars; 1 other car. ★50

RUTLAND. 14,831 (1916).

1138—Rutland Ry., Lt. & Pwr. Co.—Office, 28 Center St. (Connects Rutland, West Rutland, Castleton, Hydeville, Fair Haven and Poultney. (Under management of W. S. Barstow Management Assn., Inc., and controlled by General Gas & Elec. Co.)
Pres. Wm. S. Barstow
50 Pine St., New York, N. Y.
V. Pres. & Gen. Mgr.
F. S. Nicholson.....Rutland
Sec. & Treas. G. H. Lawson..... "
Pur. Agt. F. C. Rose
50 Pine St., New York, N. Y.
Supt. of Elec. Dept.
W. O. Minard.....Rutland
Supt. Ry. Dept. J. M. Eveleth.. "
Supt. Gas Dept. W. H. Lawson. "
M. M., Thos. Roach..... "
Energy purchased from Vermont Hydro-Elec. Corpn; trans. volt. 2300-13,500-44,000 v; trolley volt. 600 v.
5 sub-stas. tot. cap. 5935 kw; 3 rot. conv; 1 mo. gen. set.
Power sta. at Mendon (no P. O.)
Repair shops at Rutland.
28.3 miles; 4-8½ g; 27 mo. pass., 1 fgt. mo. and 8 fgt. cars without motors; 2 elec. locos. (Company does general lighting and power business in Rutland. ★70

ST. ALBANS. 7,583. (1920)

1139—St. Albans & Swanton Trac. Co.—Office, 82 No. Main St., St. Albans. (Connects Swanton, St. Albans and St. Albans Bay.)
Pres. Fred G. Persons..Springfield, Mass.
V. Pres. Fuller C. Smith....St. Albans
Sec. A. G. Auger,
48 Hanover St., Boston, Mass.
Treas. & Audr.
Walter R. Dame.....Clinton, Mass.

Supt. & Elec. Engr.
A. W. Peterson.....St. Albans
Claim Agt. Elmer Johnson... "
Ch. Engr. Pwr. Sta.
E. C. Bickford..... "
Engr. M. of W.
Barnard Delligan..... "
Energy purchased from Public Elec. Lt. Co.; trolley volt. 550 v.
Repair shops at St. Albans.
Reaches St. Albans Bay Park (owned).
13.333 miles; 4-8½ g; 10 motor and 2 other cars. ★50

SPRINGFIELD. 7,480 (1919 est.)

1140—Springfield Elec. Ry. Co.—Office, Springfield. (Leases the Springfield Elec. Ry. Co., Charlestown, N. H. Connects Springfield, Vt., with Boston and Maine R. R. at Charlestown, N. H.)
Receiver, & Treas.
H. H. Blanchard.....Springfield
Pres. & Mgr.
Edward C. Crosby.....Brattleboro
V.Pres. M.A.Coolidge, Fitchburg, Mass.
Sec., Supt. & Pur. Agt.
A. J. Crosby.....Springfield
Audr. Fred'k S. Pratt.....Brattleboro
Elec. Engr. Morris Dooley....Springfield
Engr. Maint. of Way
Wm. Scott..... "
Engr. Ovhd. Constr.
Wm. Herrick..... "
Power sta. equip. 5 d. c. G. E. tot. 1,000 kw; 500 hp. e.——; 450 hp. b.——; 2 wtr. turb; also stor. bat; trans. volt. 550 v; trolley volt. 550 v.. Energy also purchased. 1 rot. conv; 1 mo. gen. set.
Power sta. at Gould's Mills.
Repair shops at Mineral St.
10 miles; 4-8½ g; 6 motor pass., 4 motor freight and 3 motor service cars. (Also carries standard freight cars from B. & M. R. R.) ★50

STOWE. 566.

1141—Mt. Mansfield Elec. R. R. Co.—Office, Stowe. (Connects Waterbury and Stowe.)
Pres. A. H. Soden
150 Oliver St., Boston, Mass.
V. Pres. & Gen. Mgr.
C. E. Burt.....Stowe
Sec. & Audr. L. C. Moody..Montpelier
Treas., Gen. Fgt. & Pass. Agt. W. B. Macutchan.....Stowe
Ch. Engr. H. Melvin..... "
Engr. M. of W., A. B. Alger.. .. "
Energy purchased from Morrisville Elec. Co.; trans. volt. 11,000 v.; trolley volt. 600 v.
Sub-sta. and repair shops at Stowe.
Reaches Palisades Park.
11.25 miles; 4-8½ g; 3 motor pass. and 2 fgt. motor cars; 1 fgt. car without motor. 79

VIRGINIA

ALEXANDRIA. 17,846 (1919).
(See Nos. 118, 120 and 121.)

BERKLEY. 4,988.

1142—Virginia Ry. & Pwr. Co.—(Berkley St. Ry. Div.) (Connects Norfolk and Berkley.) For officers see Richmond.
Energy from Norfolk; trolley volt. 575 v.
Reaches Lakeside Park, South Norfolk and Money Pt.
Mileage and rolling stock included in report of No. 1156, Richmond. 60

CHARLOTTESVILLE.
6,765 (1915).

1143—Charlottesville & Albemarle Ry. Co.
Pres. Norman James....Baltimore, Md.
V. Pres., Gen. Mgr. & Pur. Agt.
John L. Livers.....Charlottesville
Sec. & Treas. & Audr.
W. M. Morton..... "
Supt. C. L. Carter..... "
Ch. Engr. T. B. Davis.... "
Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 800 hp. b. B. & W.; 2-1500 kw. stm. turb. G. E.; trans. volt 2300 v; trolley volt. 575 v.
1 sub-sta. cap. 400 kw; 2 rot. conv.
Power sta. at Rivanna River, east of Charlottesville, Va.
Repair shops at Charlottesville.
Reaches and owns Jefferson Park.
3.5 miles; 4-8½ g; 11 motor cars and 1 other car. (Company does a general lighting and power business.) 50

DANVILLE. 20,021.

1144—Danville Trac. & Pwr. Co.—Office, 302 Main St., Danville. (Connects Danville and Schoolfield.)
Pres. J. F. Rison.....Danville
V. Pres. R. A. James..... "
Sec. & Treas. H. S. Lanier..... "
Gen. Supt. & Pur. Agt.
F. G. Higgins..... "
Ch. Engr. M. M. & Engr.
Ovhd. Constr. J. M. King... "
Power sta. equip. 6 d. c. G. E., T. H., Edison tot. 724 kw; 950 hp. e. B. & W. Erie, Weth; 450 hp. b. A. & T.; trolley volt. 550 v.
Power sta. at River St., Danville.
Repair shops at So. Main St., Danville.
9.15 miles; 4-8½ g; 20 motor and 2 trail cars. ★70

GRAHAM. 1,917.
(See No. 1182.)

HAMPTON. 5,505.

1145—Newport News & Hampton Ry., Gas & Elec. Co.—Office, Hampton. (Consolidation of the Newport News & Old Point Ry. & Elec. Co., Citizens Ry., Lt. & Pwr. Co., Hampton Roads Traction Co., Newport News Gas Co. and Hampton, Phoebus & Ft. Monroe Gas Corpn.) (Connects Newport News, Hampton, Buckroe Beach Phoebus, Old Point Comfort and Hilton Village. (Under management of Peck, Shannahan & Cherry, Inc., Syracuse, N. Y.)
Pres. J. N. Shannahan.....Hampton
V. Pres. & Gen. Mgr. E. F. Peck "
Sec. & Treas. R. M. Booker... "
Pur. Agt. W. Stewart..... "
Audr. G. H. Caskey..... "
Supt. & Claim Agt
C. D. Andrest..... "
Ch. Engr. N. E. Drexler..... "
Elec. Engr. F. B. Lawton..... "
Supt. Pwr. A. E. Stierly..... "
M. M., C. W. Wood..... "
Roadmaster, D. Ault..... "
Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 1,400 kva. 3450 v. 3 ph. 60 cys; 4300 hp. b. Bab. & W; 1,400 kw. stm. turb. G.E. 4,200 hp. water turb. Bab. & W.; trans. volt. 10,000 v; trolley volt. 600 v.
2 sub-stas. tot. cap. 2,500 kw., 5 rot. conv.
Power sta. and repair shops at Hampton.
Reaches Buckroe Beach (owned).
51.25 miles; 4-8½ g; 65 motor pass., 34 trail pass., 14 motor freight, 28 trail freight and 6 motor service cars; 1 elec. loco. (Company does general lighting, power and gas business.) ★50

HOPEWELL. 12,000 (1916).
(See No. 1151.)

LYNCHBURG. 32,940 (1916).

1146—Lynchburg Traction & Light Co.—Office, 723 Main St. (Controlled by American Rys. Co.)
Pres. Van Horn Ely..Philadelphia, Pa.
V. Pres. J. H. J. Crowley. "
Prests. C. L. S. Tingley "
Sec. & Treas.
Walter W. Perkins.. "
Audr. Frank J. Pryor, Jr.. "
Gen. Mgr. J. W. Hancock...Lynchburg
Asst. to Gen. Mgr.
W. G. Claytor..... "
Pur Agt. G. C. Weirick,
1321 Walnut Street, Philadelphia, Pa.
Supt. Ry. Dept. & Claim Agt.
D. C. Frost.....Lynchburg
Elec. Engr. Bryant White.... "
Ch. Engr. Pwr. Stas.
A. T. Hubbel..... "
Engr. Way & Structures
Elmer E. Barnard..... "
Power stas. equip. 2 d. c. G. E. tot. 450 kw; 4 a. c. G. E. tot. 4250 kw. 13,200-2300 v. 3 ph. 60 cys; 700 hp. e. Ball & Wood; 1400 hp. b. A. & T., Bab. & W; 1500 kw. (stm.) turb. G. E; 4100 hp. (wtr.) turb. S. M. Smith; trans. volt. 13,200-2300 v; trolley volt. 550 v.
Power stas. at Lynchburg and Reusens. Repair shops at Lynchburg.
Reaches and owns Rivermont Park.
18.88 miles; 4-8½ g; 42 motor cars. (Company does general lighting and gas business.) ★60

NEWPORT NEWS. 20,562.

(See No. 1145.)

NORFOLK. 89,612 (1916).

1149—Norfolk Southern Railroad—Office, Terminal Sta. Bldg., Norfolk, Va. (Elec. Div. connects Norfolk, Cape Henry and Virginia Beach.)
Pres. J. H. Young.....Norfolk
Asst. to Pres. & Sec.
M. S. Hawkins..... "
V. Pres. & Traffic Mgr. E. D. Kyle "
Treas. M. Manly..... "
Audr. J. C. Nelms, Jr..... "
Asst. Sec. G. E. Christie, New York, N.Y.
Pur. Agt. L. M. Jones.....Norfolk
Gen. Counsel, W. B. Rodman... "
Gen. Supt. L. B. Wickersham... "
Supt. Transp. C. P. Dugan..... "
Trainmaster B. C. Leach..... "
Gen. Claim Agt. J. H. Barrett... "
Ch. Engr. F. L. Nicholson..... "
Ch. Engr. Pwr. Sta. A. Pearce.. "
M. M., W. C. Alley..... "
Supt. M. of W., John Dwyer... "
Roadmaster, R. J. Green..... "
Power sta. equip.: 1 d. c. G. E. 400 kw; 1 a. c. G. E. 1000 kw. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Allis-C. Weth; 1400 hp. b. Bab. & W, A. & T; 1000 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 575 v.
3 sub-stas. tot. cap. 2200 kw.; 6 rot. conv.
Power sta. at Bayville (No P. O.).
Repair shops at Berkley and Norfolk.
Reaches Virginia Beach, Cape Henry. 47 miles; 4-8½ g; 16 motor pass., 22 trail, 2 exp. mot. cars, 1 fgt. and 1 other car; 2 elec. locos. (Company does lighting business in Virginia Beach.) ★70

1150—Virginia Railway & Power Co.—(Leases Norfolk Ry. & Lt. Co.) (Connects Berkley, Ocean View, Pine Beach, Old Point, Newport News, Norfolk and Portsmouth.) For general officers, see Richmond.
Asst. Gen. Mgr. T. Norman Jones, Norfolk
Asst. Sec. A. E. Dickson..... "
Supt. Distrbn. W. T. Craftan... "
Ch. Engr. J. P. Keeney..... "
Elec. Engr. R. J. Throckmorton. "
Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 35,000 kw. 11,000-2300 v. 3 ph. 60 cys; 8224 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 575 v.
Power sta. at Reeves Ave., Norfolk.
Repair shops at Norfolk.
Reaches Ocean View, 8 miles from Norfolk.
Mileage and rolling stock included in report of No. 1156, Richmond. ★60

PETERSBURG. 25,582 (1916).

(See also No. 1156.)

1151—Richland-Ashland Ry. Co.—(Formerly Petersburg-Hopewell & City Point Ry. Co.) Address P. O. Box 320. (Merger of the Petersburg & Appomattox Ry. and Hopewell & City Point Ry. Cos.) (Connects Richland and Ashland. Extends to Camp Lee.)
Pres. J. L. Vaughan.....Shawsville
1st V. Pres. Jonathan Bryan..Richmond
2nd V. Pres. D. R. Myditte... "
Sec. & Treas. Oliver J. Sands.. "
Asst. Treas. H. E. Mason..... "
Gen. Counsel S. W. Zimmer...Petersburg
Gen. Mgr. J. A. Baird..... "
Supt. J. T. Blackwell..... "
M. M., Sam Wright
Energy purchased from Virginia Lt. & Pwr. Co; 1 rot. conv. West. 300 kw. trans. volt. 13,000 v; trolley volt. 550 v.
Power station at Cedar Lane; repair shops at Richmond.
15.2 miles (14.8 mi. 1st m. t., 0.4 mi. sid.); 4-8½ g; 3 motor pass., 2 trail pass. and 3 motor service cars. ★50

PORTSMOUTH. 39,651 (1916).

1152—Virginia Railway & Power Co.—For general officers, see Richmond.
Local Supt. E. A. Bishop..Portsmouth
Energy from Norfolk; trans. volt. 11,000 v; trolley volt. 575 v.
Mileage and rolling stock included in report of No. 1156, Richmond. 60

RADFORD. 4,202.

1153—Radford Water Pwr. Co.—Office, 98 First St. (Consolidation of Radford Elec. Lt. & Pwr. Co., Radford St. Ry. Co., and Radford Water Works. (Connects Radford and East Radford.)
Pres. H. C. Tyler.....Radford
Sec. & Treas., A. J. Lucas..... "
Gen. Mgr., J. H. Mott..... "
Power sta. equip. 2 d. c. West. tot. 250 kw; 1 a. c. West. 315 kva. 2200 v. 2 ph. 60 cys; 150 hp. e; 150 hp. b;—hp. turb. (wtr.) Morgan Smith; trans. volt. 2,200 v.
Power sta. on Little River, 5½ miles from Radford; repair shops at Radford.
2.63 miles; 4-8½ g; 3 motor pass. cars. (Company does lighting business.) ★50

RICHMOND. 156,687 (1916).

(See also No. 1012.)

1156—Virginia Ry. & Power Co.—Office, 7th and Franklin Sts. (On July 1, 1911, this company (successor to Virginia Pass. & Pwr. Co., which controlled Richmond Pass. & Pwr. Co., Richmond Trac. Co. and Richmond & Petersburg. Elec. Ry. Co.), purchased and merged with the Norfolk & Portsmouth Trac. Co. and controlled properties. Owns and operates properties at Norfolk, Petersburg, Portsmouth and Suffolk, Va. On June 30, 1916, purchased and merged with Richmond Ry. & Viaduct Co., connecting Church Hill, Fulton and Richmond proper.)

Pres. T. S. Wheelwright.....Richmond
V. Prests. { Fritz Sitterding..... "
Gen. Counsel, E. R. Williams.... "
Gen. Mgr. C. B. Buchanan... "
Sec. & Treas. Geo. B. Williams "
Asst. Sec. & Asst. Treas. Geo. H. Taylor, 149 Broadway, New York, N. Y.
Gen. Audr. W. J. Kehl.....Richmond
Asst. Gen. Mgr. T. Norman Jones.....Norfolk
Pur. Agt. & Elec. Engr. W. C. Bell.....Richmond
Gen. Supt. Lt. & Pwr. J. E. Harvell..... "
Gen. Claim Agt. F. W. Mulford "

RICHMOND DIV. RY. DEPT.

Gen. Supt. of Rys. C.C. Johnson "
Supt. Schedules & Inspection H. Pollard..... "
Supt. Ry. Lines { Rich. Div. H. L. Smith..... "
So. Rich. & Int. Div. W. F. Bryce..... "
M. M., W. J. Hicks..... "
Engr. M. of W., J. M. Penick. "

RICHMOND DIV. LT. & PWR. DEPT.

Supt. Distrb. & Install. J. H. Stribling.....Richmond
Ch. Engr. Pwr. Sta. W. O. Randlett..... "

NORFOLK DIV. RY. DEPT.

Ch. Engr. E. S. Ely.....Norfolk
Supt. Transp. E. A. Bishop..... "
M. M., T. W. Madison..... "
Ch. Engr. Pwr. Plant & Substa. John Keeney..... "

PETERSBURG DIV.

Supt. Ry. Lt. & Pwr. J. F. Pond.....Petersburg

SUFFOLK DIV.

Supt. R. J. Brinkley.....Suffolk
Power stas. equip. 10 d. c. G. E. tot. 6600 kw; 8 a. c. G.E. Allis-C. West. tot. 46,850 kw. 2300 v. and 13,200 v. 3 ph. 60 cys; 12,600 hp. b. Bab. & W; 37,250 kw. stm. turb. G. E. West. Allis-C; 18,000 hp. wtr. wh; Smith, Lef, Hol., Trump; trans. volt. 110,000-13,200 v. trolley volt. 550 v.
Power stas. at Richmond, Norfolk, Petersburg.
Repair shops at Richmond, Petersburg, Norfolk and Portsmouth.
Reaches and owns Ferndale, Ocean View, Forest Hill, William Byrd, Jefferson, Chimborazo and Capitol Square Parks.
Total of all divisions: 255.09 miles; 4-8½ g; 559 pass. and 49 service cars. (Company does general lighting and power business.) ★60

ROANOKE. 43,284 (1916).

(See also No. 1183.)

1157—Mill Mountain Incline, Inc.—Office, 613 Strickland Bldg., Roanoke.
Pres. W. P. Henritze.....Roanoke
Sec. & Treas. John C. Wallace.. "
Energy purchased.
Reaches summit of Mill Mountain. 2,000 ft. (.38 miles) 4-8½ g; 2 cars. 119

1158—Roanoke Ry. & Elec. Co.—Office, 129-131 E. Campbell Ave. (Connects Roanoke, Salem and Vinton.) (Controlled by the Roanoke Trac. & Lt. Co., which in turn is controlled by American Rys. Co.)
Pres. Van Horn Ely....Philadelphia, Pa
1st V. Pres. H. J. Crowley... "
2nd V. Pres. C. L. S. Tingley. "
Sec. & Treas. Walter W. Perkins....Philadelphia, Pa.
Gen. Mgr. J. W. Hancock.....Roanoke
Supt. Transp. & Claim Agt. W. H. Horn..... "
Supt. Equip. W. T. Bush..... "
Pur. Agt. G. C. Weirick 1321 Walnut St., Philadelphia, Pa.
Elec. Engr. W. G. Claytor.....Roanoke
Ch. Engr. Pwr. Sta. C. C. Hogshead..... "
Engr. Way & Structures Elmer E. Barnard..... "
Power sta. equip. 8 a. c. G. E. t .7625 kw. 2300 v. 3 ph. 60 cys; 2048 hp. b. Bab. & W. Root; 5000 hp. stm. turb. G. E.; 3000 hp. wtr. turb. Platt; tran volt. 11,000 v; trolley volt. 600 v; energy also purchased from Appalachian Pwr Co.
Power sta. (hydro-elec.) and repair shops at Roanoke.
Reaches and owns Mountain Park.
29.85 miles; 4-8½ g; 41 motor and 4 other cars. (Company does lighting business.) 60

STAUNTON. 11,654 (1916).

1159—Shenandoah Traction Co.—(formerly Blue Ridge Lt. & Pwr. Co.) Office, Greenville Ave. (Operates in Staunton only.)
Pres. & Gen. Mgr. John H. Adams.....Staunton
V. Pres. S. D. Timberlake, Jr.. "
Sec. R. E. R. Nelson..... "
Treas. M. O'Donnell..... "
Supt. John T. Cole..... "
Energy purchased from Staunton Ltg. Co.; trolley volt. 550 v.
Repair shops at Greenville Ave.
Reaches Highland Park (owned).
5.5 miles; 4-8½ g; 10 motor pass. cars and 1 other motor car. 50

SUFFOLK. 7,008.

(See No. 1156.)

TAZEWELL. 1,230.

1160—Tazewell St. Ry. Co.—(Connects Tazewell and North Tazewell.)
Pres. J. Edw. Peery.....Tazewell
V. Pres. J. E. Jackson..... "
Sec. & Treas. W. T. Gillespie... "
Gen. Mgr. & Pur. Agt. C. D. Larimer..... "
Power sta. equip. 2 d. c. West. Allis C. tot. 260 kw; 2 a. c. Warren, tot. 180 kw. s. ph. 133 cys; 375 hp. e. H. & T. Allis C. 450 hp. b. W. & W; trans. volt. 2200 v; trolley volt. 550 v; energy also purchased from the Tazewell Elec. Lt. & Pwr. Co.
2 miles; 4-8½ g; 3 cars. 119

WASHINGTON.

ABERDEEN. 20,334 (1916).

1161—Gray's Harbor Ry. & Lt. Co.—Office, 106 E. Huron St. (Absorbed the Gray's Harbor Elec. Co.) (Connects Aberdeen, Hoquiam and Cosmopolis.) (Controlled by Federal Lt & Trac. Co.)
Pres. E. N. Sanderson 60 Broadway, New York, N. Y.
V. Pres. C. H. Nichols. " "
Sec. & Mgr. P. A. Bertrand....Aberdeen
Treas. J. Dunhill 60 Broadway, New York, N. Y.
Asst. Treas. A. B. Doerr.....Aberdeen
Supt. Pur. Agt. & Claim Agt. C. H. Nelson..... "
Engr. Pwr. Sta. H. A. Bradner. "
Roadmaster, J. L. Neilsen..... "
Power sta. equip. 3 a. c. turbo-gen. West. tot. 2400 kva. 2300 v. 3 ph. 60 cys

1600 hp. b. Bab. & W; 2400 kw. stm. turb. West., Parsons; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shops at Aberdeen.

Reaches Electric Park (owned).

11 miles; 4-8½ g; 18 motor pass., 2 trail pass, and 7 trail freightcars. (Company does general lighting and power business.) ★60

BELLINGHAM. 32,985 (1916).

1163—Pacific Northwest Trac. Co. (Northern Div.)—(Connects Bellingham, Burlington, Mt. Vernon and Sedro Woolley.) For executive officers see Seattle.

Asst. Treas. J. C. Hector....Bellingham
Local Mgr. H. B. Sewall..... "
Supt. Ry. John Hickok..... "
Supt. Lt. & Pwr. R. U. Muffley "
Pur. Agt. E. L. Noyes..... "
M. M., Peter M. Loft..... "

Energy purchased from Puget Sound Pwr. & Lt. Co., trans. volt. 55,000 v.; trolley volt. 600 v.

2 sub-stas. tot. cap. 1,000 kw.; 2 mo. gen. sets.

Repair shops at Bellingham.

35.3 miles owned (32.16 mi. 1st m. t., 3.14 mi. sid.); also 10.3 miles trackage rights; 4-3½ g; 3 motor pass. and 73 trail freight cars; 4 elec. locos. ★70

1164—Puget Sound Pwr. & Lt. Co. (Bellingham Div.)—For executive officers see Seattle.

Div. Mgr., H. B. Sewall.....Bellingham

Power sta. equip. 2 a. c. G. E. tot. 35,000 kw. 2300 v. 3 ph. 60 cys; 1510 hp. b. Bab. & W. 2728 kw. stm. turb. Curtis; 3200 hp. wtr. wh. Pelton; trans. volt. 55,000 v; trolley volt. 600 v; energy also purchased from Western Canada Pwr. Co., Ltd.

Power stas. at Nooksack Falls.

Repair shops at Bellingham.

25.51 miles .2.9 mi. 1st m. t., 1.94 mi. 2nd m. t., 2.67 mi. sid.); 4-8½ g; 33 motor pass., 1 motor freight, 2 trail freight and 2 motor service cars. (Company does general lighting and power business.) ★70

CLARKSTON. 1,257.

1165 — Lewiston-Clarkston Transit Co.—Gen. Office, 821 Palace Bldg., Minneapolis, Minn.; Local office, Clarkston. (Connects Lewiston (Idaho) with Clarkston).

Pres. A. G. Norts..Minneapolis, Minn.
V. Pres.
Geo. Barrows ...Breckenridge, Minn.
Sec. E. H. Nortz... " "
Gen. Mgr. & Pur. Agt.
H. C. Hartung.....Clarkston
M. M. V. A. Bilderback..... "

Energy purchased from Washington-Idaho Wtr., Lt. & Pwr. Co; 1 d. c. G. E. 125 kw; trans. volt. 2200 v; trolley volt. 575 v.

Repair shops at Clarkston.

Reaches Vernon Park and Hartung's Zoo, (controlled).

4.15 miles; 4-8½ g; 4 one-man motor pass. cars. 70

EVERETT. 35,486 (1916).

(See also Nos. 1171 and 1172.)

1166—Puget Sound International Ry. & Pwr. Co.—Gen. office, 860 Stuart Bldg., Seattle. (Controlled by the Pacific Northwest Trac. Co.) (Connects Everett, Lowell and Snohomish.)

Pres. Fred'k S. Pratt....Boston, Mass.
V. Prests. Alton W. Leonard...Seattle
Wm. H. McGrath.... "
Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc....Boston, Mass.
Asst. Treas. C. F. Kirchbaine....Everett
Actg. Local Mgr. Geo. Newell.... "
Pur. Agt. C. F. Redward..... "
Supts. Ry., H. W. Grant..... "
Lt. & Pwr., A. M. Chitty. "
M. M., E. M. Swift ..... "
Roadmaster, A. L. Hollings..... "

Power sta. equip. 1 d. c. West. 500 kw; 2 a. c. West. tot. 1250 kw. 2200-110 v. 2 ph. 60 cys; 1550 hp. e. Allis-C; 1192 hp. b. Bab. & W; 1000 kw. stm. turb. West; trolley volt. 550 v.; energy also purchased from Puget Sound Pwr. & Lt. Co.

Power sta. and repair shops at Everett.

18.04 miles owned (13.971 mi. 1st m. t., 2.738 mi. 2nd m. t., 1.331 mi. sid.); also 5.4 miles leased. Total miles operated 23.26; 4-8½ g; 26 motor pass., 1 motor service and 1 trail service car. (Company does general lighting and power business.) ★70

1167—Pacific Northwest Traction Co.—(Southern Division). For executive officers see Seattle and Everett.) (Connects Seattle and Everett.)

Asst. Treas. C. F. Kirchhaine...Everett
Actg. Local Mgr. Geo. Newell... "
Pur. Agt. C. F. Redward..... "
Fgt. Agt. Ray Woirol..... "
Supts. Ry., H. W. Grant..... "
Lt. & Pwr., A. M. Chitty "
M. M., E. M. Swift..... "
Roadmaster A. Hollings..... "

Energy puchased from Puget Sound Pwr. & Lt. Co., and Puget Sound International Ry. & Pwr. Co.; trans. volt. 13,000 v., trolley volt. 625 v.

1 sub-sta. cap. 500 kw., 1 mo. gen. set.

Reaches Silver Lake Park.

26.675 miles owned (22.88 mi. 1st m. t., 3.795 mi. sid.); also 14.269 miles trackage rights. Total miles operated 40.944; catenary; 4-8½ g.; 9 motor pass., 1 trail pass., 30 trail freight, 1 motor service and 1 trail service car; 2 elec. locos.; (freight motors.) ★70

NORTHYA KIMA. 20,951 (1916)

(See No. 1181a).

OLYMPIA. 6,996.

1169—Olympia Light & Power Co.—Office, 523 Main St. (Connects Olympia and Tumwater.)

Pres. L. B. Faulkner.....Olympia
V. Pres. P. M. Troy..... "
Sec. John T. Otis..... "
Treas. & Audr. H. A. Hart.... "
Supt. H. C. Ranft..... "
Pur. Agt. W. K. Burntrager... "
Ch. Engr. Pwr. Sta.
F. M. Cooper.....Tumwater

Power sta. equip. 1 d. c. West. 500 kw; 2 a .c. West. tot. 900 kw. 2300 v. 2 & 3 ph. 60 cys; 1600 hp. (wtr.) turb. S-B & S-V; trans. volt. 55,000 v; trolley volt. 500 v. Energy also purchased from Puget Sound Trac. Lt. & Pwr. Co.

1 sub-sta. cap. 200 kw.; 1 rot. conv. Energy purchased for sub-sta., 1500 kw. 60,000 v.

Power sta. at Tumwater.

Repair shops at Olympia.

6 miles; 4-8½ g; 10 motor pass., 1 trail pass., 1 other motor and 2 other cars. (Company furnishes energy for lighting and power at Olympia and Tumwater.) 60

RAYMOND. 5,000.

1170—Willapa Electric Co.—Office, Raymond. (Purchased the properties of the Willapa Harbor Ry. Co., Twin City Elec. Co. and South Bend Elec. Co.) (Connects South Bend and Raymond).

Pres. J. S. Thornton..New York, N.Y.
V. Pres. H. Hobart Porter "

Sec., Mgr. & Pur. Agt.
J. R. Snider.....Raymond
Treas. M. M. Fisher.....South Bend
Supt. Ry., A. W. Fisher.....Raymond
POWER STA. 1—Tot. 450 kw. West. gen; 2 engines Twin Nagle, Ideal; 1 turbo-gen. Curtis 300 kva. 6600 v. 3 ph. 60 cys.
POWER STA. 2—1 turbo-gen. Curtis 1000 kw. 2300 v. 3 ph. 60 cys; 2 mo. gen. (ry.) West. tot. 275 kw. 2300 v; a. c; 550 v. d. c.
POWER STA. 3 (Hydraulic)—1 wtr. wh. Pelton; 1 gen. Allis C. 115 kw. 2300 v. 2 ph.
Power sta. and repair shops at Raymond.
5.444 miles; 4-8½ g; 3 motor cars. Company furnishes energy for lighting.) 60

SEATTLE 348,639 (1916).

See also Nos. 175, 1177, 1178, 1179).

1171—Pacific Northwest Traction Co.—Gen. office, 860 Stuart Bldg. (Controls the Puget Sound International Ry. & Pwr. Co. and in turn is controlled by the Puget Sound Pwr.& Lt. Co.) Operates in two divisions not physically connected.
Pres. Fred'k S. Pratt....Boston, Mass.
V.Prests. {Alton W. Leonard....Seattle
{Wm. H. McGrath.... "
Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc.... "

NORTHERN DIVISION—Operates an interurban railway system, Bellingham to Mt. Vernon—Burlington to Sedro Woolley, Wash., and does light and power business in territory tributary to its lines.
Energy purchased from Puget Sound Pwr. & Lt. Co.
35.3 miles; (owned) 3 mo. pass. and 54 other cars; 2 elec. locos.

SOUTHERN DIVISION—Operates interurban railway system between Everett & Seattle.
Energy purchased from Puget Sound Pwr. & Lt. Co.
26.7 miles (owned); 9 mo. pass. and 33 other cars; 2 elec. locos. ★70

1172—Puget Sound Pwr. & Lt. Co. (Formerly Puget Sound Traction Light & Power Co.)—Office 860 Stuart Bldg. (Purchased and consolidated The Seattle Elec. Co., Pacific Coast Pwr. Co., Puget Sound Pwr. Co., Seattle-Tacoma Pwr. Co. and Whatcom County Ry. & Lt. Co.) (Controls Puget Sound Elec. Ry. and Pacific Northwest Trac. Co., which controls Puget Sound International Ry. & Pwr. Co. The company through ownership or control, does the electric street and interurban railway and the greater part of the commercial electric lighting and power business in the Puget Sound district, including the cities of Seattle, (only light and power), Tacoma, Bellingham and Everett.) (Owns or controls hydro-electric pwr. plants with present development of 123,913 hp., and an ultimate development of about 175,000 hp. steam stations with present cap. of 42,680 hp. and street and interurban railways aggregating 493.6 miles.)
Chmn. Bd. Fred'k S. Pratt, Boston, Mass
Pres. Alton W. Leonard.....Seattle
V. Pres. Wm. H. McGrath..... "
Clerk,
William T. Crawford. .Boston, Mass.
Sec. Jas. B. Howe.....Seattle
Treas. Henry B. Sawyer..Boston, Mass.
Gen. Mgrs.
Stone & Webster, Inc...Boston, Mass.
Gen. Acct. F. W. Brownell.....Seattle
Sales Mgr. H. J. Gille..... "
Tax Agt. N. W. Brockett..... "
Fgt. Traf. Mgr. W. H. Somers.... "
Real Estate & Ins. Agt. D. N. King "
Ch. Elec. Engr. G. E. Quinan..... "
★70

1173—Seattle Munic. St. Ry.—Office, 507 County-City Bldg. (Purchased the Loyal Ry. Co.) April 1, 1919 purchased entire street railway system of the Seattle Division of the Puget Sound Trac., Lt. & Pwr. Co; and with Divisions "A" and "C," now serve all of Seattle and suburb of Lake Burien, excepting Rainier Valley.) Div. "A" 4.2 miles, extends from business district to Ballard: Div. "C" 9 miles, extends from Highland Park to Lake Burien. December 31, 1919, acquired property of Western Washington Pwr. Co.
Supt. of Public Utilities
Carl H. Reeves,
507 County-City Bldg.....Seattle
Asst. Supt. E. D. O'Brien..... "
Audr. Allen B. Hiatt..... "
Gen. Supt. Rys. D.W. Henderson "
Asst. to Gen. Supt. Rys.
R. E. Furse..... "
Supt. Equip. A. D. Campbell.... "
Gen. Fgt. Agt. J. B. Wadlington. "
Claim Agt. Jas. H. Dennis..... "
Pur. Agt. W. D. Freeman..... "
Supt. Maint. A. E. Pierce..... "
Energy purchased from Puget Sound Trac. Lt. & Pwr. Co; 4 mo-gen. Ridg. Ft. Wayne tot. 2000 kw. trolley volt. 600 v.
2 sub-stas., Dexter Ave. & Aloha St., and 9th Ave. So. W. & Henderson St.
Repair shops at Georgetown.
Reaches Golden Gardens.
230.43 miles (127.7 mi. 1st m. t., 87.29 mi. 2nd m. t., 15.44 mi. sid.); 4-8½ g. (3 g. on 1 cable, 3-6 g. on other cable); 462 motor pass., 14 trail pass., 4 motor fgt. & exp., 48 trail fgt. & exp. and 19 trail service cars; also 37 cable pass. and 2 cable service cars. ★60

1174—Seattle & Rainier Valley Railway Co.—Office, 72 W. Adams Street, Chicago, Ill. (Successor to Seattle, Renton & Southern Ry. Co.) (Connects Seattle and Renton; also Columbia, Hillman City and Ranier Beach—all within limits of city of Seattle.)
Pres. Marshall E. Sampsell, Chicago, Ill
V. Pres. E. M. Mills..... "
Sec. Henry M. Brooks..... "
Treas. E. W. Goss..... "
Gen. Mgr. Walter M. Brown....Seattle
Audr. & Pur. Agt. P. C. Eichhorn. "
Supt. T. H. Nolan..... "
Claim Agt. John C. Higgins..... "
M. M., J. R. Fairchild..... "
Signal Engr. H. B. Brumleve... "
Roadmaster, S. Moline..... "
Energy purchased from Puget Sound Trac., Lt. & Pwr. Co; trans. volt. 60,000 v; trolley volt. 600 v. d. c.
1 sub-sta. cap. 650 kw; 3 rot. conv.
Repair shops at Seattle.
Reaches Atlantic City and Seward Park, owned by city.
24 miles; 4-8½ g; 34 motor pass. and 17 other cars. 70

SPOKANE. 150,323 (1916).

(See also No. 155.)

1175—Spokane & Eastern Ry. & Pwr. Co. and Inland Empire R. R. Co. (Formerly Spokane & Inland Empire R. R. Co.— Receiver appointed Jan. 10, 1919. Nov. 1, 1919 property sold to George H. Taylor, Chicago, Ill. Office, Terminal Bldg., Spokane.

(Consolidation of the Spokane Trac. Co., Spokane Terminal Co., Spokane & Inland Ry. Co., and Coeur d'Alene & Spokane Ry. Co., Ltd.) (Operates local lines and interurban lines.) (Connects Coeur d'Alene and Moscow, Idaho, and Colfax and Spokane, Wash.)
Receiver F. E. Connor.....Spokane
V. Pres. & Traffic Mgr.
Waldo G. Paine..... "
V. Pres. & Compt.
W. F. Turner.....Portland, Ore.
Sec., Treas. & Pur. Agt.
Paul McKay..... "
Supt. J. F. Gannaway.....Spokane
Claim Agt. J. M. Home..... "
Ch. Engr. A. J. Witchel..... "
Elec. Engr. & Ch. Engr. Pwr. Sta.
J. W. Hungate..... "
M. M., M. G. Charles..... "
Roadmaster, P. McNamara.... "

Power sta.: equip. 4 a. c. West. tot. 16,000 kw. 2200 v. 3 ph. 60 cys; 21,300 hp. turb. (wtr.) Hol; trans. volt. 60,000 v; trolley volt. 6,600 v. a. c. & 550 v. d. c.

Power sta. at Nine Mill Bridge on Spokane River.

Repair shops at Spokane (Wash.) and Coeur d'Alene (Idaho.)

Reaches and owns parks at Hayden and Liberty Lakes and at Ball Park, Spokane; Blackwell Park at Coeur d'Alene, and reaches Manito, Corbin and Liberty Parks at Spokane.

290.473 miles; 4-8½ g; 68 pass. and 7 other cars (city); 59 pass., 429 freight, and 16 express cars and 1 other car (interurban); 13 elec. and 2 steam locos. (Company does lighting and power business.) ★70

1176—Washington Water Power Co.—Office, Trent Ave. & Lincoln St., Spokane. (Connects Spokane, Hillyard Medical Lake and Cheney).
Chmn Ex. Committee,
W. J. C. Wakefield.....Spokane
Pres. D. L. Huntington..... "
1st V. Pres. W. A. White,
14 Wall St., New York, N. Y.
2nd V. Pres. & Gen. Mgr.,
W. E. Coman.....Spokane
Sec. & Treas. V. G. Shinkle..... "
Audr. J. S. Simpson..... "
Gen. Supt. R. A. Willson..... "
Pur. Agt. A. C. Haggenmilter... "
Claim Agt. T. G. Aston..... "
Ch. Engr. V. G. Greisser..... "
M. M., G. H. Darby..... "

LONG LAKE STA. EQUIP.—3 a. c. G. E. tot. 37,500 kw. 4000-60,000 and 110,000 v. 60 cys; 67,500 hp. wtr. turb. Morris.

LITTLE FALLS STA. EQUIP.—4 a. c. G. E. tot. 20,500 kw. 4000 v. 60 cys; 36,000 hp. wtr. turb. Morris.

POST FALLS (Idaho) STA. EQUIP.—5 a. c. G. E. tot. 11,250 kw. 2300 v. 60 cys; 16,300 hp. wtr. turb. Platt, Morris.

SPOKANE STA. EQUIP.—2 a. c. G. E. tot. 4,500 kw. 4000 v. 60 cys; 6 d. c. G. E. tot. 4300 kw. 600-300 v; 15,800 hp. wtr. turb. Allis-C; Pelton, Lef., S. & B; trans. volt. 60,000, 22,000, 13,200 v. 3 ph. 60 cys; trolley volt. 600 v.

POST STREET SUB-STA. EQUIP.—6 d. c. G. E. mo. gen. tot. 9000 kw. 300-600 v.

JAMIESON SUB-STA. EQUIP.—2 d. c. G. E. mo. gen. tot. 800 kw. 600 v.

CHENEY SUB-STA. EQUIP.—1 d. c. G. E. mo. gen. 400 kw. 600 v.

MEDICAL LAKE SUB-STA. EQUIP—1 d. c. G. E. mo. gen. 200 kw. 600 v.

Repair shops at Spokane.

Owns Natatorium Park, Spokane.

110.921 miles (69.946 mi. 1st. m. t., 34.576 mi. 2nd m. t., 6.399 mi. sid.); 4-8½ g; 140 motor pass., 10 trail pass., 3 motor freight, 14 trail freight and 10 motor service cars. (Co. sells energy and does lighting in Spokane, Big Bend and the Palouse Districts of Wash. and Northern Idaho by means of 36 substas. equipped with 10 mo.-gen. sets.) ★50

TACOMA. 115,000 (1918).

1176a—Tacoma Municipal St. Ry.—Office, 437 East 11th St. ("Tide Flats" line.)
Comr. Public Works
H. Roy Harrison.....Tacoma
Supt. Arthur W. Carlson..... "

Energy from municipal plant; trans. volt. 60,000 v; trolley volt. 550-600 v. 1 sub. sta; 1 rot. conv; 1 mo. gen. set.

Repair shops at 437 East 11th St.

8.95 miles (5.2 mi. 1st m. t., 3 mi. 2nd m. t., 0.75 mi. sid); 4-8½ g; 34 motor pass., and 4 trail pass. cars, 1 fgt. car; 1 elec. loco.

(Freight is switched from 3 transcontinental railroads on M. C. B. equipment to shipyards and mills.) ★70

1177—Pacific Traction Co.—Office, 860 Stuart Bldg., Seattle. (Operates from City of Tacoma to American Lake and the town of Steilacoom.) (Controlled and operated by Puget Sound Elec. Ry. (which see for officers).

Energy purchased from Tacoma Ry. & Pwr. Co.

Repair shops at Tacoma.

19.3 miles owned (17 mi. 1st m. t., 0.2 mi. 2nd m. t., 2.1 mi. sid.); also 7.1 miles trackage rights. Total miles operated 25.4; 4-8½ g.; 8 motor pass. and 1 motor freight car. ★70

1178 — Puget Sound Elec. Ry. — Gen. Office, 860 Stuart Bldg., Seattle; local office, 1306 A St. (Connects Tacoma, Auburn, Kent and Seattle, (Owns Tacoma Ry. & Pwr. Co. and Pacific Traction Co., which companies do the entire electric railway and a portion of the electric power business of Tacoma.) (Controlled by the Puget Sound Pwr. & Lt. Co.)
Pres. Fred'k S. Pratt
147 Milk St., Boston, Mass.
V.-Prests. { Wm. H. McGrath....Seattle
{ Alton W. Leonard.... "
Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer.. "
Gen. Mgrs. Stone & Webster, Inc.
147 Milk St., Boston, Mass.
Local Mgr. R. T. Sullivan.....Tacoma
Pur. Agt. G. O. Snider..... "
Claim Agt. H. G. Winsor..... "
Supt. O. C. Mathis..... "
Roadmaster, H. J. Nason..... "

Energy purchased from the Puget Sound Pwr. & Lt. Co.

2 sub-stas. tot. cap. 1,800 kw.; 6 mo. gen. sets.

Repair shops at Kent.

70.8 miles owned (47.9 mi. 1st m. t., 12.5 mi. 2nd m. t., 10.4 mi. sid.); also 6.9 miles trackage rights. 4-8½ g; 3rd rail (some ovhd. trolley); 30 motor pass., 11 trail pass., 2 motor freight, 130 trail freight and express, and 3 trail service cars; 3 elec. locos.

(Company does general lighting business.) ★70

1179—Tacoma Ry. & Pwr. Co.—Gen. Office, 860 Stuart Bldg., Seattle; local office, 1306 A St. (Connects Puyallup, Spanaway, Steilacoom, Fern Hill and American Lake.) (Owned and operated by the Puget Sound Elec. Ry.
Pres. Fred'k S. Pratt.
147 Milk St., Boston, Mass.
V. Prests. { Alton W. Leonard....Seattle
{ William H. McGrath. "

Sec. William T. Crawford, Boston, Mass.
Treas. Henry B. Sawyer..... "
Gen. Mgrs. Stone & Webster, Inc.
147 Milk St., Boston, Mass.
Local Mgr., R. T. Sullivan.....Tacoma
Pur. Agt. G. O. Snider..... "
Claim Agt. H. G. Winsor..... "
Gen. Supt. G. W. Rounds..... "
Supt. Pwr. & Equip. K. S. Schluss. "
Roadmaster H. A. Leaver..... "

Power sta. equip:—5 d. c. G. E. tot. 2200 kw., 3 a.c. G.E. tot. 2500 kva. 2200 v. 2 ph. 60 cys; 4450 hp. e. Frick, Penn., Cpr., S. C., Stearns, 4100 hp. b. A. & T., B. & W., Phoenix, Stearns; trans. volt. 55,00 & 13,800 v.; trolley volt. 600 v. d.c. Energy also purchased from Puget Sound Pwr. & Lt. Co.

3 sub-stas. tot. cap. 2250 kw. 1 rot. conv. 250 kw., 4 mo. gen. sets. tot. 2000 kw.

Power sta. and repair shops at Tacoma.

Reaches Spanaway Park (owned) and Point Defiance Park.

85.9 miles owned (54.7 mi. 1st m. t., 25.1 mi. 2nd m. t., 6.1 mi. sid.); also 12.6 miles trackage rights; 4-3½ g; 151 motor pass., 1 trail pass., 2 motor freight, 56 trail freight and express and 5 motor service cars; 2 elec. locos. (Company does general lighting and power business.) ★70

VANCOUVER. 13,180 (1916).

(See also No. 886.)

1180—North Coast Pwr. Co.—Gen. office, 441 Pittock Blk., Portland, Ore. (Successor to Washington-Oregon Corpn.) (Operates in Vancouver; connects Vancouver and Sifton (Vancouver Div.), and Centralia and Chehalis (Twin City Div.)

Pres. Clarence M. Brown
Land Title Bldg., Philadelphia, Pa.
V. Pres. Gen. Mgr. & Pur. Agt.
R. M. Boykin.....Portland, Ore.
Sec. J. Newlin Brown
Land Title Bldg., Philadelphia, Pa.
Treas. B. F. Donahue...Portland, Ore.

Power sta. equip.: 2 d. c. West., G. E. tot. 700 kw; 2 a. c. Allis-C. tot. 2000 kw. 2300 v. 3 ph. 60 cys; 1800 hp. b. Stir; 2 stm. turb. Allis-C; 700 hp. wtr. turb. Allis-C. Smith, Vaile; trans. volt. 45,000 v; trolley volt. 600 v. Energy also purchased from Portland (Ore.) Ry., Lt. & Pwr. Co.

Power stas. at Chehalis and Kalama.

Repair shops at Chehalis and Vancouver.

20 miles; 4-8½ g; 10 motor and 14 other cars. (Company does general lighting and power business.) 70

WALLA WALLA. 25,136 (1916)

1181—Walla Walla Valley Ry. Co.—Gen. office, Gasco Bldg., Portland, Ore. (Operates in Walla Walla and an interurban line connecting Walla Walla, Wash., and Milton, Ore.) (Controlled by the Pacific Pwr. & Lt. Co., which in turn is controlled by American Pwr. & Lt. Co.)

Pres. Guy W. Talbot.....Portland, Ore.
Asst. to Pres. Geo. L. Myers "
V. Prests. { Gen. Mgr. C. S. Walters, Walla Walla; John A. Laing, Portland, Ore.
Sec. & Treas. Geo. F. Nevins "
Asst. Sec. & Asst. Treas
Lewis A. McArthur.... "
Traffic Mgr. F. L. Ring....Walla Walla
Pur. Agt. P. J. Kean.....Portland, Ore.
Ch. Engr. H. H. Schoolfield. "
Engr. In charge R/W & Taxes
Wm. H. Galvani..... "
M. M., P. Fichtner.....Walla Walla
Roadmaster N. Manaro.... "

Energy purchased from Pacific Pwr. & trolley volt. 600 v.

3 sub-sta. tot. cap. 1000 kw.; 2 rot. conv; 1 mo. gen. set.

Repair shops at Walla Walla.

29 miles; (27 mi. 1st m. t., 2 mi. sid.) 4-8½ g; 12 motor pass., 3 trail pass. and 10 motor freight cars; 2 elec. locos. ★60

YAKIMA. 20,951 (1916).

1181a—Yakima Valley Transportation Co.—Office, 122½ West Yakima Ave., Yakima. (Connects North Yakima, Harwood, Selah and Wiley City.)

Pres. & Gen. Mgr.
N. C. Richards..Miller Bldg., Yakima
V. Pres. J. D. Farrell.....Portland, Ore.
Sec. Myrtle M. Slassor
Miller Bldg., Yakima
Treas. Julia A. Prasch..... "
Audr. R. B. Oswin..... "
Supt. W. S. Howard..... "
Gen. Fgt. & Pass. Agt.
H. C. Temple..... "
Pur. Agt. G. W. Saul....Portland, Ore.
Ch. Engr. E. F. Kidder...Walla Walla
M. M., A. J. Field.....Yakima

Energy purchased from Pacific Pwr. & Lt. Co.; 3 d. c. G. E. tot. 900 kw; 3 a. c. G. E. tot. 1050 kw. 2300 v. 3 ph. 60 cys; trans. volt. 25,000 v; trolley volt. 600 v. d. c.

Repair shops at Yakima

1 sub-sta.

45 miles; 4-8½ g; 15 motor pass., 5 trail pass., 4 other motor and 18 other cars; 1 elec. loco. 50

WEST VIRGINIA

BLUEFIELD. 15,442 (1916).

(See also No. 1199.)

1182—Appalachian Pwr. Co.—(Bluefield Div.) (Connects Graham, Va., and Bluefield, W. Va.)

Pres. Julius A. Trawick
47 Ames Bldg., Boston, Mass.
V. Prests. { G. N. Walbridge, 25 Nassau St. New York, N. Y.; Chas. N. Mason, 165 Broadway "
Sec. A. H. Mosle, 30 Broad St. "
Treas. W. R. Emerson
47 Ames Bldg., Boston, Mass.
Audr. W. E. Terry.....Bluefield
Gen. Mgr. Herbert Markle.... "
Local Mgr. S. G. Kilburn..... "
Pur. Agt. J. P. Gills..... "

Energy is furnished from hydro-elec. developments to sub-station at Bluefield; 1 mo. gen. G. E. 300 kw; stm. plant reserve; 1 d. c. G. E. 500 kw; trans. volt 88,000 v; trolley volt. 550 v.

Power sta. on New River, Va.

Repair shops between Graham and Bluefield.

7.40 miles; 4-8½ g; 8 motor pass. and 2 other motor cars. (Company does general lighting and power business.) ★50

1183—Norfolk & Western Ry. Co.—(Electric Div.)—Office, Roanoke, Va. (Electric zone extends from Bluefield to Vivian; Bluestone to Pocahontas and Bluestone to Clift Yard (Simmons Branch). (Electrifying section between Vivian and Welch.)

Pres. N. D. Maher.....Roanoke, Va.
V. Prests. { Operation, A. C. Needles " "; Traffic, T. S. Davant " "
Sec. I. W. Booth.....Philadelphia, Pa.
Treas. Jos. B. Lacy.....Roanoke, Va.
Compt. Jos. W. Coxe..... "
Gen. Mgr. W. J. Jenks.... "
Supt. W. O. Franklin.....Bluefield
Gen. Clm. Agt. W. S. Battle, Jr. Roanoke, Va
Pur. Agt. J. H. Clemmitt.... "
Gen. Fgt. Agt.
B. W. Herrman..... "
Ch. Engr. J. E. Crawford... "
Ch. Elec. Engr. C. H. Quinn "
Signal Engr. D. W. Richards "

Power sta. equip.: 4 a. c. West. tot. 44,000 kva. 11,000 v. 3 ph. 25 cys; 8500 hp. b. B. & W., stir; 36,000 kw. stm. turb. West; trans. volt. 44,000 v; trolley volt. 11,000 v s. ph.

5 sub-stas. tot. cap. 30,000 kw.

Power sta. and repair shops at Bluestone.

98 3 miles; 4-8½ g; 555 trail pass., 49,873 trail freight and 1784 trail service cars (entire system); 12 elec. locos. ★70

CHARLESTON. 29,941 (1916).

1184—The Charleston-Dunbar Trac. Co.—Office, Charleston. (Connects Charleston and Dunbar.)

Pres. Fred. Paul Grosscup..Charleston
Sec., Gen. Mgr. & Pur. Agt.
E. W. Alexander..... "
M. M., —— ..... "

Power sta. equip. 2 d. c. G. E. tot. 700 kw; trans. volt. 2300 v; trolley volt. 600 v.

Power sta. and repair shops at Dunbar.

Reaches Dunbar Park (controlled).

7 miles; 4-8½ g; 7 motor pass. cars and 1 other car. (Company does general lighting and power business.) 119

1185—Charleston Interurban R. R. Co.—Office, Terminal Bldg., Charleston. (Leases for 99 years the Kanawha Valley Trac. Co., which is controlled by American Rys. Co.) (Connects Charleston, So. Charleston, Spring Hill, St. Albans, Kanawha City, Malden, Marmet, Chesapeake, Winifrede Jct. and Cabin Creek Jct.)

Pres. W. A. MacCorkle.....Charleston
V. Pres. & Sec. F. M. Staunton "
Treas. & Audr. A. M. Hill.... "
Gen. Mgr. & Pur. Agt.
I. N. Smith..... "
Supt. C. C. Callaher..... "
Claim Agt. L. H. Oakes..... "
Gen. Fgt. Agt. A. Leach..... "
Elec. Engr. C. C. Meeker..... "
Roadmaster R. W. Smarr.... "
M. M., E. Garris..... "

Power sta. equip. 2 d. c. G. E. tot. 600 kw; 1000 hp. e. Weth; 1000 hp. b. Weth; trans. volt. 6600 v; trolley volt. 600 v. Energy also purchased from Virginia Pwr. Co.

3 sub-stas. tot. cap. 3000 kw.; 8 rot. conv.

Power station and repair shops at Charleston.

Reaches Luna Park.

41.95 miles owned (37.22 mi. 1st m. t. 3.07 mi. 2nd m. t., 1.66 mi. sid.); also 1 mi. trackage rights; 4-8½ g.; 41 motor pass., 3 trail pass., 3 motor freight, 2 motor service and 1 trail service car. ★70

1186—Columbia Gas & Electric Co.—Office, Charleston. (Leases stocks of properties controlled by Cincinnati, Newport and Coving Lt. & Trac. Co.)

Chmn. of Bd. Philip G. Gossler
62 Cedar St., New York, N. Y.
Pres. A. B. Leach
62 Cedar St., " "
V. Prests. { W. W. Freeman, Cincinnati,
W. Y. Cartwright "
Sec. & Treas. Palk Laffoon,
care of Union Gas & Elec. Co.
4th & Plum Sts., Cincinnati, O.
★50

ELM GROVE, 1,899.

(See No. 1207.)

FAIRMONT. 15,506 (1916).

1187—Monongahela Valley Traction Co.—Office, Fairmont. (Controls Kanawha Traction & Elec. Co.) (Connects Fairmont, Clarksburg, Weston, Mannington and Fairview in the Fairmont & Clarksburg Div., & Parkersburg, W. Va., Marietta and Beverly, Ohio, in the Parkersburg & Marietta Div.)

Pres. George M. Alexander....Fairmont
V. Pres. Smith Hood..... "
Sec. & Tras. Walton Miller..... "
Audr. O. F. Lough..... "
Gen. Mgr. E. B. Moore..... "
Mgrs. { Rys., D. H. Blanks..... "
Asst., Rys., E.C. Powman "
P.&M.Div., H.S.Newton, "
Parkersburg
Pwr.Dept., R.W.Lamar, Fairmont
Div. Supt. J. I. Beals.....Clarksburg
Supts. { Equip. J. A. Duffy...Fairmont
Dist. & Ovhd.
F. C. Manson..... "
Pur. Agt. E. B. Smith..... "
Gen. Claim Agt.
C. B. W. Chapman.....Clarksburg
Gen. Traffic Agt.
C. H. Hardesty.....Fairmont
Com. Engr. F. McQuillin..... "
Ch. Engr. W. C. Kline..... "
Ch. Engr. Pwr. Sta.
H. T. Weis .....Rivesville
M. M., (P. & M. Div.)
Chas. Falwell .....Parkersburg
Engr. M. of W., F. A. H. Kelly, Fairmont

Power sta. equip. 11 a. c. G. E. tot. 38,500 kva. 2300-11,000 v. 3 ph. 60 cys; 8300 hp. e. (gas) Bethlehem; 8720 hp. b. Bab. & W; 25,000 kw. turb. (stm.) G. E.; trans. volt. 22,000 and 66,000 v; trolley volt. 600 v.

14 sub-stas. tot. cap. 9000 kw; 18 rot. conv.

Power stas. at Rivesville (stm.), Hutchinson (gas) and Parkersburg (stm.)

Repair shops at Fairmont, Clarksburg, Parkersburg and Marietta.

Reaches Loop Park and Traction Park at Fairmont, Norwood Park at Clarksburg and Fern Cliff at Marietta.

178 miles; (174 mi. 1st. m.t., 4 mi. sid.) Total miles operated 174; 4-8½ g; 176 motor pass., 20 motor freight and 24 motor service cars; 1 elec. loco. (Company does general lighting business.) ★50

GRAFTON. 7,563.

1188—Grafton Lt. & Pwr. Co.—Office, Grafton. Reported that Potomac-Edison Gas & Power Co. will purchase property.—12-20-19j. (Connects Grafton, Blueville and City Park.)

Trustee in Bankruptcy
T. F. Lanham.....Grafton
Supt. J. W. Brown..... "
M. M., A. C. Proudfoot..... "

Power sta. equip. 1 d. c. West 150 kw. 550v; 2 a. c. West. tot. 525 kvs. 2300 v. 2 ph. 60 cys; 600 hp. b. Atlas, Geary; 900 hp. e. Phoenix, AQ.r. Ball, Skinr; 1 mo. gen. set 273 kw.

Power sta. at South Grafton.

Repair shops at Fetterman. (No. P.O.)

Reaches City Park (in charge of Common Council.)

7 miles; 4-8½ g; 11 motor pass. cars. (Company does general lighting and power business.) 129j

HUNTINGTON. 50,000 (1920)

1190—Ohio Valley Elec. Ry. Co.—Miller-Ritter Bldg., Huntington. (Owns the Ashland & Catlettsburg St. Ry. Co., Ashland, Ky.). (Connects Huntington, Ceredo, Kenova, W. Va., Catlettsburg, Ashland, Ky., Coal Grove, Ironton and Hanging Rock, O.) (Controlled by American Rys. Co.)

Pres. Van Horn Ely....Philadelphia, Pa.
V. Prests. { H. J. Crowley..... "
C. L. S. Tingley... "
Sec. & Treas. W. W. Perkins. "
Audr. Frank J. Pryor, Jr..... "
Gen. Mgr. W. R. Power...Huntington
Pur. Agt. G. C. Weirick,
1321 Walnut St., Philadelphia, Pa.
Elec. & Ch. Engr.
James Fagan.....Huntington

Supt. Transp. & Claim Agt.
J. A. Marcum.....Huntington
Ass't Supt. Transp. & Fgt. Agt.
John W. Williamson..... "
Engr. Pwr. Sta. Chas. Lake.....Kenova
Supt. Lines D. L. Evans...Huntington
Div. Supt. R. E. Kimmel..Ashland, Ky.
M. M., J. F. Schmidlapp..Huntington
Park Mgrs. {H. O. Via..... "
{G. M. Wilde....Ashland, Ky.

Energy purchased from Consolidated Lt., Ht. & Pwr. Co., Kenova; trans. volt. 11,000 v; trolley volt. 600 v.

Repair shops at 18th St., West Huntington.

Reaches and owns Camden Park, Kellogg, W. Va., and Cliffeside Park, Ashland, Ky.

46.29 miles; 4-8½ g; 73 motor cars. ★50

LEWISBURG. 803.

1191—Lewisburg & Ronceverte Elec. Ry. Co.—Office, Lewisburg. (Connects Lewisburg and Ronceverte.)
Pres. S. P. Preston.....Lewisburg
V.Pres. J. B. Laing..... "
Sec. H. B. Moore..... "
Treas. H. F. Hunter..... "
Gen. Mgr. R. M. Bell..... "
Gen. Fgt. & Pass. Agt.
Lon S. Davidson..... "

Energy purchased from Va.-Western Pwr. Co.; trans. volt. 45,000 v; trolley volt. 600 v.

6.2 miles; 4-8½ g; 2 motor cars and 1 other car. 119

MORGANTOWN. 13,709 (1916).

1193—Morgantown & Wheeling Ry. Co.—Office, Traction Bldg. (Operates by electricity between Morgantown and Randall for passenger service and by steam between Randall and Brave, Pa., serving coal mines.) (Controls Monongahela & Ohio R. R. Co. and Blacksville & Western Ry.)
Receiver, Gen. Mgr., & Pur. Agt.
R. E. Kerr.....Morgantown
Pres. Manning Stires,
45 Cedar St., New York, N. Y.
Sec. Frank P. Weaver.....Morgantown
Audr. & Gen. Fgt. & Pass. Agt.
Amnon I. Derr..... "
M. M., C. G. Jackson..... "
Roadmaster J. A. McKinney "
Gen. Foreman Elec. Line "
Geo. McLure..... "

Energy purchased from West Virginia Trac. & Elec. Co; trans. volt. 550 v; trolley volt. 600 v.

Repair shops at Granville.

27 miles (3 elec. & 24 stm.); 4-8½ g; 3 motor and 8 other cars; 4 stm. locos. ★60

1194—So. Morgantown Trac. Co.—Office, Blackstone Bldg., Morgantown.
Receiver, Aaron Garlow....Morgantown
Pres. & Gen. Mgr.
John Madagan..... "
V.Pres. Sanford Barrickman "
Sec. & Park Mgr. John E. Price "
Treas. P. S. Johnson..... "
Elecl. Engr. M. L. Cross... "
Roadmaster, A. D. Davis.. "
Park Mgr. C. N. Reay..... "

Energy purchased.

Reaches 25-acre park (owned.)

6 miles; 4-8½ g; 3 cars. 119j

1195—West Virginia Utilities Co.—(Morgantown Div.). (Connects Morgantown & Sabraton and Morgantown and Granville.) For executive officers, see Wheeling.
Local Mgr. J. K. Buchanan. Morgantown
M. M., C. E. Nigh..... "
Asst. M. M., J. Thorn..... "

Power sta. equip. 3 d. c. West. G. E. tot. 900 kw; 5 a. c. turbo-gen. G. E., West. tot. 3400 kw. 2300 v. 2 & 3 ph. 60 cys; 1570 hp. b. Heine, Stir; trans. volt. 13,200 v; trolley volt. 600 v. Energy also purchased from Monongahela Valley Trac. Co.

Power sta. and repair shops at Morgantown.

6.5 miles; 4-8½ g; 14 motor cars. ★70

NEWELL.

1196—The Newell Bridge & Ry. Co.—(Successor to The Newell St. Ry. Co.) Office, Newell, W. Va. (Connects East Liverpool, O., and Newell, W. Va.)
Pres. Marcus Aaron,
2nd Nat'l Bank Bldg., Pittsburgh, Pa.
V. Pres.
E. M. Knowles....East Liverpool, O.
Sec., Gen. Mgr. & Pur. Agt.
F. B. Lawrence.....Newell
Treas. W. E. Wells..... "

Power sta. equip. 2 d. c. Burke, tot. 300 kw; 2 a. c. Burke, tot. 150 kw. 2 ph. 60 cys; 500 hp. e. Allis-C; 930 hp. b. Titusville, Heine; 1-300 kw. turb. Curtis; trolley volt. 550 v.

Power house, car barns and repair shops at Newell, W. Va.

Reaches park at Lake Newell (owned).

3 miles; 4-8½ g; 10 cars. (Company furnishes energy for lighting through Newell Wtr. & Pwr. Co.) 50

PARKERSBURG. 20,612 (1916).

1197—Kanawha Trac. & Elec. Co.—Office, Union Trust Bldg. (Inc. in April, 1915, and on June 7, 1915, consolidated with Parkersburg, Marietta & Interurban Ry. Co.) (Controls city lines of Parkersburg, W. Va., and Marietta, O., and connects these cities with Lowell and Beverly, O.) (Controlled by the Monongahela Valley Trac. Co.)
Pres. Thos. Logan.....Parkersburg
Sec. George M. Alexander.....Fairmont
Treas. O. F. Lough..... "
Audr. J. Cummings.....Parkersburg
Mgr. H. S. Newton.....
Supts. (Parkersburg Div.) Geo. T. Mann "
Transp. (Ohio Div.) Frank E. Wilson ....Marietta, O.
Claim Agt. C. B. W. Chapman, Fairmont
Gen. Fgt. & Pass. Agt.
C. R. Devine.....Parkersburg
Pur. Agt. E. B. Smith.....Fairmont
Ch. Engr. Pwr. Stn.
O. B. Summers.....Parkersburg
Supt. Lt. & Pwr. Dept.
J. H. Trisler..... "
M. M., C. W. Folwell..... "
Supt. M. of W. Wm. Bailey. "

Power sta. equip. 4 a. c. G. E. tot. 6000 kw. 2300 v. 2 & 3 ph. 60 cys; 1250 hp. e. Allis-C., Ham, Erie; 2500 hp. b. Bab. & W; 5000 kw. turb. (stm.) G. E. 171 hp. wtr. wh. Lef; trans. volt. 22,00; v; trolley volt. 600 v.

Power sta. at Parkersburg.

Repair shops at Parkersburg and Marietta.

60 miles; 4-8½ g; 77 motor pass. and 13 other cars. (Company does general lighting business in Parkersburg, W. Va., and Marietta and Beverly, O.) 70

POINT PLEASANT. 3,000.

(See No. 820.)

PRINCETON. 5,000.

1199—Princeton Power Co.—Office, Princeton. (Operates in Princeton and connects this city with Bluefield where connection is made with the Appa-

lachian Power Co. for entrance to the city.)
Pres. & Treas. L. P. Hardy...Princeton
V. Pres. H. E. DeJarnette.... "
Gen. Mgr. S. J. Evans..... "
M. M., E. T. Evans..... "
Energy purchased from Appalachian Pwr. Co; trans. volt. 13,200 v; trolley volt. 600 v; power sta. equip. 1 mo-gen. Allis-C. 200 kw.; rot. conv. West. 200 kw; 1 a. c. Allis-C. 175 kw. 2200 v. 2 ph. 60 cys; 250 hp. e. Allis-C; 300 hp. b. Houston, Stanwood and Gamble; power station held as auxiliary.
Pwr. sta. and repair shops at Princeton.
Reaches and owns a park site of 70 acres, partially developed and leased to Glenwood Park Co.
14 miles; 4-8½ g; 5 motor pass. cars 1 fgt. car and 1 motor work car. (Company does general lighting and power business; sells energy to Athens Powee Pwr. Co. ★50

SISTERSVILLE. 2,684.

1200—Tyler Trac. Co.—Office, Sistersville. (Connects Sistersville. Pursley & Middlebourne.)
Pres. & Gen. Mgr.
S. G. Pyle.....Sistersville
V. Pres. & Treas.
W. J. Neuemchwander..... "
Sec. W. C. Harrington..... "
Supt. H. H. Cooper..... "
Roadmaster
John Snodgrass.....New Martinsville
Energy purchased from Sistersville Elec. Lt. & Pwr. Co; trans. volt. 550 v. trolley volt. 550 v;
Repair shops at Sistersville.
12 miles; 4-8½ g; 5 motor and 2 other cars. ★20†

1201—Sistersville & New Martinsville Trac. Co.—(Successor to Union Trac. Co.) — Office, Sistersville. (Connects Sistersville, New Martinsville, Paden City and Brooklyn Junction.)
Pres. R. Broadwater.....Sistersville
Sec. S. G. Messer..... "
Treas. W. J. McCoy..... "
Ch. Engr. Pwr. Sta. T.V. Stetson "
Engr. M. of W. John Snodgrass "
Energy purchased from Sistersville Elec. Lt. & Pwr. Co.;
Repair shops at Paden City.
Reaches Paden Park (owned).
12 miles; 4-8½ g; 9 motor cars and 1 other car. 89j

WELLSBURG. 4,189.

(See also No. 1,208.)

1202—Steubenville, Wellsburg & Weirton Ry. Co.—Office, 221 Fourth Ave., Pittsburgh, Pa. (Connects Wellsburg, Follansbee, Steubenville, Holliday's Cove and Weirton.) (Operated by Wheeling Trac. Co.)
Pres. Williston Fish....Pittsburgh, Pa
V. Prests. {Raymond B. Keating "
{C. P. Billings..... "
Sec. & Treas. C. C. McBride "
Audr. M. W. Glover... "
Asst. Sec. W. F. Craig... "
Asst. Treas. R. C. Lightcap "
Gen. Supt. C. W. Marsh.....Wheeling
Claim Agt. E. D. Lash..... "
Pur. Agt. W. E. Higgins
221 Fourth Ave., Pittsburgh, Pa.
Energy purchased from Wellsburg Elec. Lt., Ht. & Pwr. Co.
Repair shops at Follansbee.
13.52 miles; 4-8½ g; 10 closed motor pass. and 4 misc. cars. 69

1203—Wellsburg, Bethany & Washington Ry. Co.—Office, 103 8th St., Wellsburg. (Connects Wellsburg and Bethany.)
Pres. Sam'l George..... Wellsburg
V. Pres. J. S. Liggett..... "
Sec. & Gen. Mgr. F. T. McEvoy "
Treas. & Claim Agt.
W. W. Beall..... "
Audrs. {John Scott..... "
{Chas. S. Wilson..... "
Energy purchased from Wellsburg Elec. Lt., Ht. & Pwr. Co.
Repair shops at Bethany.
7.8 miles; 4-8½ g; 3 motor pass., 1 fgt. motor and 4 fgt. cars without motors. ★50

WHEELING. 43,377 (1916).

1205—Pan-Handle Traction Co.—Office, Wheeling. (Owned, leased and operated by Wheeling Traction Co.) (Connects Wheeling and Wellsburg.)
Pres. Williston Fish....Pittsburgh, Pa.
V. Pres. C. P. Billings.....Wheeling
Sec. W. A. Shirley..... "
Treas. C. C. McBride...Pittsburgh, Pa.
Asst. Sec. W. F. Craig..... "
Audr. M. W. Glover..... "
Gen Supt. W. B. Atwood.....Wheeling
Supt. Edw. Wright.....Wellsburg
Claim Agt. E. D. Lash.....Wheeling
Pur. Agt. W. E. Higgins,
221 Fourth Avenue, Pittsburgh, Pa.
Supt. Equip. Daniel Durie
Connellsville, Pa.
Ch. Engr. Ways & Struct.
J. L. Fritsch.....Pittsburgh, Pa.
M. M., H. Branson.....Wheeling
Engr. M. of W. W. A. Underwood "
19.19 miles; 4-8½ g; 8 closed motor pass., 2 exp. motor, 3 work and 4 other motor cars. 69

1206—The Steubenville & Wheeling Traction Co.—Office, Huron and Zane Sts., Wheeling. (Owned, leased and operated by Wheeling Trac. Co., (Connects Steubenville, Mingo, Brilliant, Rayland and Martin's Ferry, Ohio.)
Pres. Williston Fish
221 Fourth Ave., Pittsburgh, Pa.
V. Pres. R. B. Keating... "
Sec. W. A. Shirley..... Wheeling
Treas. C. C. McBride....Pittsburgh, Pa.
Asst. Sec. W. F. Craig.... "
Audr M. W. Glover..... "
Power sta. at Brilliant, O. (shut down.)
15.42 miles: (9.31) 4-8½ g. and (6.11) 5-2½ g.; 5 closed motor pass., 1 open pass., 12 work and 5 other motor cars. 69

1207—West Virginia Utilities Co. (Formerly West Virginia Trac. & Elec. Co.)—Office, Wheeling. (This Co. owns and operates a large part of the electric street railway system at Wheeling and supplies city with natural gas; also owns and operates electric street railways, electric light and natural gas plants and water supply systems both in the suburban district of Wheeling and in the City of Morgantown.)
Controls the following: City & Elm Grove R. R. Co., which owns a line in City of Wheeling and suburbs extending along the National Road to the Pennsylvania state line; also owns water works and electric light plant formerly operated by Suburban Lt. & Wtr. Co., and Wheeling Park, formerly owned by the Wheeling Park Assn.; also controls Wheeling & Elm Grove Ry. Co. which operates an electric railway in the suburban district of Wheeling, including Fulton, Pleasant Valley, Elm Grove and Triadelphia, which extends to the Pennsylvania state line at West Alexander; City Ry. Co. operating in Wheeling; Union Utilities Co.; and City & Suburban Gas Co.

Pres. E. L. West.....Easton, Pa.
V.-Pres. C. H. Wallbridge, New York, N. Y.
Sec. & Treas. Thomas Cheyne, 50 Pine St., New York, N. Y.
Andr. F. J. L. Doyle.....Wheeling
Gen. Mgr. J. D. Whittemore.. "
Supts. { H. Ames..... "
Peter Stanton..... "
Elec., Gas & Wtr. Lines
T. Tuttle..... "
Rys. C. R. Bendell.... "
Gen. Fgt. & Pass. Agt. Geo. Noll "
Engr. Pwr. Sta. F. R. Cope.... "
M. M., James Robinson..... "

Power sta. equip. 5 d. c. West. tot. 2000 kw; 3 a. c. West. tot. 425 kw. 3 ph. 60 cys; 2500 hp. e. Cpr. Bckye; 2700 hp. b. Stir, Heine; trans. volt. 2200 v; trolley volt. 600 v.

Power stas. at Elm Grove and (City Rys.) Wheeling.

Repair shops at 12th & McCulloch Sts. and 27th & Wood Sts.

Reaches Wheeling Park (owned.)

39 miles; 4-8½ g; 74 motor and 6 other cars. ★0

1208—Wheeling Traction Co.—Office, Huron and Zane Sts. (Owns and operates under lease—Panhandle Trac. Co. and Steubenville & Wheeling Trac. Co., owns and operates in name of W. T. Co.—Bellaire South-western Trac. Co. and Wheeling & Western Ry. Co. Operates under lease in name of W. T. Co.—Steubenville, Wellsburg & Weirton Ry. Co., and Steubenville Ry. Co.) (Connects Moundsville, Wheeling, Wellsburg and Weirton, W. Va., and Bellaire, Martins Ferry, Barton, Brilliant, Rayland and Steubenville, Ohio.) (Controlled by the West Penn Rys. Co., which in turn is controlled by the West Penn Trac. & Wtr. Pwr. Co.)

Pres. Williston Fish.....Pittsburgh, Pa.
V.Prests. { R. B. Keating. Gen. Mgr.
C. P. Billings...Wheeling
Sec. W. A. Shirley..... "
Treas. C. C. McBride...Pittsburgh, Pa.
Asst. Sec. W. F. Craig... "
Audr. M. W. Glover.... "
Gen. Supt. W. G. Yates.....Wheeling
Claim Agt. E. D. Lash..... "
Pur. Agt. W. E. Higgins, 221 Fourth Ave., Pittsburgh, Pa.
Supt. Equip. Daniel Durie Connellsville, Pa.
Ch. Engr. Ways & Struct. J. L. Fritsch.....Pittsburgh, Pa.
M. M., F. C. Martin.....Wheeling

Power sta. equip. 3 d. c. West. Bull. tot. 2000 kw; 3 a. c. West. tot. 3500 kw. 2200-6600 v. 3 ph. 60 cys; 4150 hp. e; Cpr, C. & G; 3250 hp. b. Bab. & W 3500 kw. stm. turb. West.; trans. volt. 22,000 v; trolley volt. 600 v. d. c.

Power stas. at 42d St., Wheeling, W. Va. and at Brilliant, Ohio.

Repair shops at Wheeling.

Reaches Moundsville Camp Ground, Total miles: operated, 59.23 (5-2½g.). 42.59 (4-8½ g.); owned or controlled 59.23 (5-2½ g.), 28.50 (4-8½ g.); total cars operated, 107 closed mo. pass., 18 open mo. pass., 20 non-mo. pass., 4 exp. and fgt. mo., 11 work and line mo. and 29 other cars, 3 sweepers; owned or controlled, 94 closed mo. pass., 18 open mo. pass., 20 non-mo. pass., 4 exp and fgt., 11 work and line mo. and 25 other cars; 3 sweepers. (Company does general lighting and power business.) ★20†

WISCONSIN.

APPLETON. 17,834 (1916).

1210—Wisconsin Trac., Lt., Ht. & Pwr. Co.—Office, 780 College Ave. (Consolidation of Appleton Elec. Lt. & Pwr. Co., Fox River Valley Elec. Ry. Co. and Menasha & Neenah St. Ry. Co.) (Purchased Fox River Valley Gas & Elec. Co.) (Connects Appleton, Menasha, Neenah and Kaukauna, and includes local line in Appleton.

Pres. & Gen. Mgr. John I. Beggs First Wisc. Nat. Bk. Bldg..Milwaukee
Sec., Pur. Agt. & Supt. A. K. Ellis.....Appleton
Ch. Engr. John McCarter..... "
M. M. John W. Stark..... "

Power sta. equip. 4 d. c. G. E. tot. 1070 kw; 8 a. c. G. E.. Allis-C. tot. 1700 kva. 4000-2200 v. 3 ph. 60 cys; 3000 hp. e Allis-C. 4448 hp. b. Stir., Spgf; 23,000 kw. stm. turb. Allis-C; 1620 hp. wtr. turb. Allis-C; 1275 hp. wtr. wheels McCormick; trans. volt. 4000-33000-66000 v; trolley volt. 600 v.

1 sub-sta cap. 2750 kw.; 1 mo -gen. set.

Power sta. and repair shops at Appleton; sub-sta. at Neenah.

2'.242 miles (9.482 mi. 1st m t., 0.638 mi. 2nd m t., 1.122 mi. sid.) Total miles operated 9.482; 4-8½ g; 19 motor pass. cars and 1 motor car. (Company does gas and electric lighting.) ★60

ASHLAND. 11,594 (1916).

(See also No, 491.)

1211—Ashland Lt., Pwr. & St. Ry. Co.—Office, 212 W. 2nd St. (Operates in Ashland.)

Pres. L. E. Myers 1119 Monadnock Bldg., Chicago, Ill.
V. Pres. L. N. Boisen 1119 Monadnock Bldg., "
Sec. & Treas. W. H. P. Weston 1119 Monadnock Bldg., "
Audr. E. J. Shaylor.....Ashland
Gen. Supt. & Pur. Agt. W. J. Hodgkins..... "
Dist. Supt. M. J. Jahl..... "
Ch. Engr. R. S. Wilhelm..... "

Power sta. equip. 6 a. c. G. E. tot. 3250 kw. 2200 v. 3 ph. 60 cys; 2700 hp. b. Bab. & W; 7250 kw. turb. (stm.) G. E; 1350 hp. turb. A. & T. (wtr.) Smith; trans. volt. 16,500-33,000 v; trolley volt. 550 v.

Power sta. and repair shops at Ashland.

Reaches Lake Park.

6.7 miles; 4-8½ g; 7 motor and 2 other cars. (Company furnishes energy for lighting.) ★50

BELOIT. 18,072 (1916).

(See also No. 240.)

1212—Beloit Trac. Co.—Office, 323 State St.

Pres. R. N. Baylies.....Chicago, Ill.
V. Pres. Joel B. Dow.....Beloit
Sec. O. S. Baylies.....Chicago, Ill.
Treas. W. F. Woodruff....Rockford, Ill.
Audr. Paul Stich..... "
Gen. Mgr. T. M. Ellis, Jr.....Beloit
Supt. C. V. Vermillion..... "
M. M., S. S. DeCamp..... "
Engr. M. of W., B. S. Fish..... "

Energy from Rockford & Interurban R. R. Co.

Repair shops at Beloit.

7 miles owned; also 1 mile trackage rights; 4-8½ g; 16 motor pass. and 3 trail pass. cars. ★70

CEDARBURG. 1,777.

1213—Milwaukee Northern Ry. Co.—(Connects Milwaukee, Cedarburg, Port Washington and Sheboygan.)

Pres. Wm. A. Comstock..Detroit, Mich.
V. Pres., Gen. Mgr. & Ch. Engr. F. W. Walker.....Port Washington
Sec. & Treas. Henry A. Haigh.....Detroit, Mich.
Audr. C. R. Bradburn.....Cedarburg

Asst. Gen. Mgr. & Pur. Agt.
John St. John.....Cedarburg
Ch. Despatcher, A. Montaba. "
Supt. Mil. City Div.
A. Carlson.....Milwaukee
Engr. Pwr. Sta.
Emil Albl.....Port Washington
M. M. Frank Kittsley.....Cedarburg
Gen. Fgt. & Pass. Agt.
Otto Maske..... "
Roadmaster E. Rutherford... "
Power sta. equip. 2 a. c. Allis-C. tot. 2000 kw. 3 ph. 25 cys; 4000 hp. e. gas, Allis-C; trans. volt. 22,000 v; trolley volt. 650 v.
Power sta. at Port Washington.
Repair shops at Cedarburg.
70 miles in operation; 4-8½ g; 24 cars. (Will extend line to Fond du Lac from Cedarburg via West Bend, 43 miles.) (Company does general lighting and power business.) 50

CHIPPEWA FALLS. 9,395.

(See No. 1214.)

EAU CLAIRE. 18,807.

1214—Wisconsin-Minnesota Lt. & Pwr. Co.—Office, 2-4 So. Barstow St. (Controlled by American Public Utilities Co.) (Operates st. ry. system in Eau Claire and Chippewa Falls, and interurban line connecting Eau Claire, Chippewa Falls and Altoona.)
Pres. Jos. H. Brewer, Grand Rapids, Mich.
1st V. Pres.
W. B. Parsons....Minneapolis, Minn.
2d V. Pres. & Gen. Mgr.
P. D. Kline.....Eau Claire
Sec. Blaine Gavett..Grand Rapids, Mich.
Treas. Willis J. Ripley, "
Dist. Audr. L. B. Scheisz.....Eau Claire
Dist. Mgr. R. S. Torrance..... "
Gen. Opertg. Supt. Geo. A. Mills "
Ch. Engr. V. S. Hillyer..... "
Supt. Ry. E. V. Wahl..... "
Pur. Agt. & Claim Agt.
A. C. Crandall..... "
Supt. Pwr. Sta. & M. M.
N. N. Buck..... "
WISSOTA STA. EQUIP.—6 a. c. Allis tot. 39,600 kva; 45,000 hp. turb. (wtr.) Allis.

LA CROSSE STA. EQUIP.—3 turbo-gen. Allis-C., West. tot. 3700 kva; 1500 hp. b. Bab. & W.

DELLS DAM STA. EQUIP.—1 a. c. G. E. 600 kva. 3 ph. 60 cys; 650 hp. turb. (wtr.) Smith.

MENOMONIE STA. EQUIP.—2 a. c. G. E. tot. 1200 kva. 3 ph. 60 cys; 2200 hp. turb. (wtr.) Smith.

CEDAR FALLS STA. EQUIP.—3 a. c. G. E. tot. 7500 kw. 3 ph. 60 cys; 10,800 hp. turb. (wtr.) Allis-C.

CHIPPEWA FALLS STA. EQUIP.—2 d. c. G. E. tot. 375 kw; 1 a. c. G. E. 1200 kw. 3 ph. 60 cys; 2500 hp. turb. (wtr.) Dayton, Globe.

EAU CLAIRE STA. EQUIP.—2 mo-gen. sets G. E. tot. 1000 kw; trans. volt. 120,000-66,000-33,000-13,000 v; trolley volt. 600 v.
Power stas. at Dells Dam, Menomonie, Cedar Falls, Chippewa Falls, Eau Claire (ry. service). Wissota and La Crosse, tot. cap. installed 56,787½ kva
Repair shops at Eau Claire.
Reaches Electric Park (owned).
25 miles; 4-8½ g; 26 motor and 3 other cars. (Company does general lighting and power business.) ★50

FOND DU LAC. 21,113 (1916).

1215—Eastern Wisc. Elec. Co.—For executive officers see Sheboygan. (Connects Fond du Lac, North Fond du Lac, Van Dyne, Black Wolf and Oshkosh.)
Local Mgr. M. H. Frank...Fond du Lac
Supt. Elec. Dept. Fred Whitely. "
Engr. Pwr. Sta. E. W. Stephan. "
Supt. Gas Works, John P. Mertes "
Power sta. equip. 3 d. c. West., G. E. tot. 1000 kw. 600 v; 1 a. c. Allis-C. 1000 kw. 2300 v. 3 ph. 60 cys; 1 mo-gen. set West. 200 kw. 1600 hp. e. Allis-C.; 2172 hp. b. Bab. & W. Stir; 1000 kw. stm. turb. Allis-C; trans. volt. 2300 v; trolley volt. 600 v.
Power station at Fond du Lac.
Repair shops at Oshkosh.
Reaches City Park, Fond du Lac and Eweco Park, Oshkosh.
24.529 miles; 4-8½ g; 14 motor and 4 other cars. ★60

GRAND RAPIDS. 6,521.

1216—Grand Rapids St. Ry. Co.—Office, Grand Rapids. (Connects Grand Rapids, Pt. Edwards, So. Centralia and Nekoosa.)
Pres. L. M. Nash.....Grand Rapids
V. Pres. W. F. Kellogg.... "
Sec. G. M. Hill..... "
Treas. Frank J. Wood.... "
Gen. Mgr. Neil E. Nash... "
Power leased; repair shops at Grand Rapids.
Reaches park at Nekoosa.
8 miles; 4-8½ g; 3 motor pass. and 2 trail pass. cars. ★60

GREEN BAY. 29,352 (1916).

1217—Bay Shore St. Ry. Co.—Office, 315 No. Jefferson St. (Connects Green Bay with Town Preble, Bay Beach, Bay View Beach and Harbor View resorts.) (Operation superintended by the Wisconsin Public Service Co.)
Pres. & Gen. Mgr.
J. A. Cusick.....Green Bay
Sec. J. P. Neugent..... "
Treas. H. J. Cusick..... "
Energy purchased from Wisconsin Public Service Co.
Repair shops at Green Bay.
Reaches Bay Beach Park.
2 miles; 4-8½ g; 4 cars. 67

1218—Wisconsin Public Service Co.—Office, 204 N. Washington St., Green Bay. (Superintends operation of Bay Shore St. Ry. and owns Green Bay Gas. & Elec. Co.) (Connects Green Bay and Duck Creek; De Pere, Wrightstown, Little Rapids and Kaukauna.)
Pres. Clement C. Smith
1410 1st Natl. Bk. Bldg., Milwaukee
V. Pres. C. R. Phenicie.....Green Bay
V. Pres. & Pur. Agt. J. P. Pulliam
1st Nat'l Bk. Bldg., Milwaukee
Sec. & Treas. Howard Greene
1st Nat'l Bk. Bldg., "
Asst. Sec.-Treas. H. C. Mackay "
Audr. & Asst. Sec.
Miss A. L. Buscher.....Green Bay
Gen. Supt. A. G. Carson..... "
Supt. Rys.
W. B. Goodykoontz..... "
Supt. Lt. & Pwr.
W. J. Wadsworth..... "
Ch. Engr. Chas. A. Ewing.... "
Claim Agt. Walter Bie..... "
Ch. Engr. Pwr. Sta.
E. A. Blodgett.....Green Bay
Pwr. Engr. J. Bedore.....Manitowoc
M. M., J. Jossart.....Green Bay
Engr. M. of W.,
Theodore Hendricks..... "
Power sta. equip. 9 a. c. West. Allis-C. tot. 11,500 kw. 2300-4400 v. 3 ph. 60 & 25 cys; 1600 hp. e. Allis-C; 3200 hp. b. Stir; B. & W. 5500 kw. stm. turb. Allis-C; West. 9600 hp. turb. (wtr.) Allis-C; trans. volt. 66,000, 33,000 & 15,000 v; trolley volt. 625 v.

2 sub-stas. tot. cap. 700 kw; 6 rot. conv.
Power stas. at Green Bay, High Falls and Manitowoc.
Repair shops at Washington St., Green Bay.
Controls Ridge Point Park.
Reaches Bay View Beach.
44.6 miles; 4-8½ g; 34 motor and 6 other cars. (Company also does general lighting and power business in 15 communities.) ★50

JANESVILLE. 14,339 (1916).

(See also No. 240.)

1219—Janesville Trac. Co.—Office, 311-313 Jackman Bldg. (Controlled by Union Ry., Gas & Elec. Co.)
Pres. B. C. Cobb, 14 Wall St, New York
V. Pres. & Treas.
W. C. Sparks..... Rockford, Ill.
Sec. W. H. Lemons..... " "
Supt. A. L. Doherty.....Janesville
Energy purchased from Rockford & Interurban Ry. Co.
Repair shops at Eastern Ave.
5.37 miles; 4-8½ g; 8 motor pass. and 2 other cars. 129

KENOSHA. 31,576 (1916).

1220—Wisconsin Gas & Electric Co.—Offices, 305 6th St., Racine, and Public Service Bldg., Milwaukee. (Operates local lines.) (Absorbed the Watertown Gas & Elec. Co. and the Burlington Elec. Lt. & Pwr. Co.) (Controlled by The Wisconsin Edison Co., Inc.)
Pres. James D. Mortimer,
30 Broad St., New York, N. Y.
Asst. to Pres. Edwin Gruhl "
V. Pres. S. B. Way.....Milwaukee
Sec. & Treas. F. J. Boehm.... "
Asst. Sec. & Asst. Treas.
James F. Fogarty...New York, N. Y.
Asst. Treas. Robert Sealy "
Audr. E. Jorgensen.....Racine
Gen. Mgr. D. E. Callender..... "
Asst. Gen. Mgr. M. W. Everett..Kenosha
Mgrs. {O. Koenes.....Watertown
{W. J. Leach..... Burlington
Ch. Engr. Pwr. Sta.
John Anderson.....Milwaukee
Power sta. equip. 3 a. c. West., Allis-C, G. E. tot. 1900 kw. 2300 v. 3 ph. 60 cys; 550 hp. e. Prov; 1120 hp. b. Stir, Freeman; 2 stm. turb. tot. 1400 kw. G.E. Allis-C; trans. volt. 13,200-26,400; trolley volt. 600 v. Energy also purchased from Milwaukee Elec. Ry. & Lt. Co.
1 sub-sta. 5000-500 kw; 2 rot. conv. West. & G. E.
Power stas. at Kenosha, Watertown and Burlington.
Repair shops at Kenosha.
7.5 miles; 4-8½ g; 13 motor and 4 utility cars. (Company does general lighting and power business.) 119

LA CROSSE. 31,677 (1916).

1221—La Crosse & Onalaska St. Ry. Co.—Office, 300 Main St., La Crosse. (Connects La Crosse and Onalaska.)
Pres. & Gen. Mgr. Peter Valier..La Crosse
V. Pres. (Miss) Grace Edwards. "
Treas. R. C. Whelpley "
Natl. Bk. of La Crosse, "
Energy purchased.
Repair shops at La Crosse.
2.37 miles; 4-8½ g; 1 motor car. ★50

1222—Wisconsin Ry., Lt. & Pwr. Co. — For executive officers see Winona, Minn.
Gen. Mgr. R. M. Howard.....La Crosse
Audr. L. D. Burns..... "
Claim Agt. Stanton Gordon... "
Pur. Agt. Clement C. Smith,
1410 First Natl. Bank Bldg., Milwaukee
Supt. of Transp.
Charles Masterson..... "
Power sta. equip. 2 d. c. G. E. tot. 800 kw; 500 hp. e. Allis-C; 600 hp. b. Scotch, LaCrosse; trans. volt. from Hatfield 45,000 v; trolley volt. 600 v.
1 sub-sta. cap. 750 kw; 1 rot. conv.; 1 mo. gen.
Power stas. at Hatfield, Wisc. and Winona, Minn.
Repair shops at 3rd & La Crosse Sts., La Crosse.
Reaches Fair Grounds and Myrick Park.
16 miles; 4-8½ g; 22 motor pass. and 4 other motor cars. 50

MADISON. 40,000 (1919).

1224—Madison Railways Co.—Office, 2302 Fair Oaks Ave. (Successor to Southern Wisc. Ry. Co.)
Pres. F. W. Montgomery.....Madison
V. Pres. & Pur. Agt,
Dudley Montgomery..... "
Sec. E. N. Montgomery..... "
Treas. Warren Montgomery... "
Supt. Hugh Montgomery..... "
Audr.
Security Audit Co..New York, N. Y.
Claim Agt. Ira D. Browne.....Madison
M. M., M. Stumpf..... "
Engr. M. of W., Chas. Milbrook "
Engr. Ovhd. Constr., Wm. Cheff "
Energy purchased from Madison Gas & Elec. Co.
Repair shops at 2302-8 Fair Oaks Ave
25.25 miles (18 mi. 1st. m. t., 7 mi. 2nd. m. t., 0.25 mi. sid.); 4-8½ g; 32 motor pass. and 12 motor service cars. ★50

MANITOWOC. 13,805 (1916).

1225—Manitowoc & Northern Trac. Co.—Controlled by Wisconsin Securities Co. For executive officers see Milwaukee. (Operates in Manitowoc and an interurban line connecting Manitowoc and Two Rivers.)
Power sta. equip. 1 d. c. 225 kw; 325 hp. e.; energy also purchased from Wisconsin Public Service Co., trans. volt. 33,000 v. trolley volt. 550 v. 50

MARINETTE. 14,610.

(See No. 497.)

MERRILL. 8,782.

1226—Wisconsin Valley Elec. Co.—For general officers see Wausau.
Local Supt. H. G. Tank.....Merrill
Power sta. equip. 1 d. c. G. E. 100 kw; 2 a. c. Allis-C. tot. 1050 kw. 2300 v. 3 ph. 60 cys; 1150 hp. turb. (wtr.) Allis-C.; trans. 2300 v; trolley volt. 500 v.
Power sta. and repair shops at Merrill
2 miles; 4-8½ g; 4 cars. 70

MILWAUKEE. 472,000. (1917).

(See also Nos. 213, 516, and 1213.)

1227—Milwaukee Elec. Ry. & Lt. Co.—Office, Public Service Bldg., Milwaukee. Operates in Milwaukee; also operates interurban lines to Racine, Kenosha, Waukesha, Watertown, E. Troy and Burlington, and suburban lines to Wauwatosa, West Allis, Fox Point, North & South Milwaukee and Whitefish Bay.) (Controlled by The Wisconsin Edison Co., Inc., which in turn is controlled by the North American Co., 30 Broad St., New York.)
Pres. John I. Beggs.....Milwaukee
Asst. to Pres. Edwin Gruhl "

V. Prests. { Chas. F. Pfister.. Milwaukee & Gen Mgr. / S. B. Way..... "
Sec. & Asst. Treas.
J. F. Fogarty.....New York, N. Y.
Asst. Sec. Robt. Randall "
Asst. Sec. & Asst. Treas.
F. J. Boehm.....Milwaukee
Gen.Mgrs. { Asst. H. A. Mullett.... " / G.W.Van Dersee. "
Gen. Audr. Geo. W. Kalweit.. "
Pur. Agt. Fred. V. Bens..... "
Supt. Transp. "
Geo. Kuemmerlein, Jr..... "
Claim Agt. M. S. Rausch.... "
Supt. Rolling Stock, J.H.Lucas "
Ch. Engr. of Pwr. Plants, John Anderson..... "
Elec. Engr. Geo. G. Post.... "
Engr. W. & S., R. H. Pinkley. "

Power sta. equip. 13 d. c. G. E. tot. 14,650 kw; 22 a. c. G. E, Allis-C. tot. 90,500 kva. 13,200-4000 v. 3 ph. 25 & 60 cys; 36,724 hp. b. Edge, Std., 82,000 kw. turb. (stm.) Allis-C, G. E; trans. volt. 13,200-26,400-66,000 v; trolley volt. 1200 & 600 v. d. c. Also purchases energy from Southern Wisc. Pwr. Co. (6,000 kw.) and Wisc. River Pwr. Co. (9,000 kw.)

16 sub-stas. (one with auto cont.) tot. cap. 141,205 kw; 37 rot. conv. tot. cap. 35,600 kw; 11 mo. gen. sets tot. cap. 11, 050 kw.

Power stas. at Oneida St., Pub. Ser. Bldg., Commerce St. and Holton St., Milwaukee, and Racine.

Repair shops at 38th St. & Cold Spring Ave., Milwaukee.

402.4 miles; 4-8½ g: 601 motor pass., 103 trail pass. and 347 other cars. (Operates lighting and power system in Milwaukee, New Butler, Racine, Wauwatosa, So. Milwaukee, Rochester, Mukwonago, Pewaukee, East Troy, Waterford, W. Allis, Cudahy and Shorewood, and sells energy to other utilities in Milwaukee, Racine, Kenosha, Burlington, Watertown, North Milwaukee and Honey Creek. ★60

1227a—Wisconsin Securities Co.—1408 First Nat'l. Bank Bldg. (Holding company controlling through stock ownership Wisconsin Public Service Co., Green Bay; Wisconsin Ry., Lt. & Pwr. Co., La Crosse; Sheboygan Gas Lt. Co; Manitowoc & Northern Trac. Co. and Calumet Service Co.)
Pres. Clement C. Smith....Milwaukee
V. Prests. { Ludington Patton.... " / & Sec. Howard Greene " / George P. Miller..... "
Treas. H. C. Mackay..... "
Asst. Sec. & Asst. Treas.
W. M. Chester..... "
★50

NEENAH. 5,734.

(See No. 1210.)

ONALASKA. 1,146.

(See No. 1221.)

OSHKOSH. 36,065 (1916).

(See also No. 1215.)

1228—Eastern Wisc. Elec. Co.—For executive officers see Sheboygan. (Operates Oshkosh St. Ry., Oshkosh-Neenah Interurban line and Oshkosh & Omro Interurban line. (Connects Oshkosh, Neenah and Omro.)
Local Mgr. B. W. Arnold.....Oshkosh
Engr. Pwr. Sta. Fred Johnson.. "
M. M., Earl F. Harra..... "
Track Fmn. M. Horan..... "
Roadmaster A. Kaericher..... "

Energy purchased from Oshkosh Gas Light Co.

Power sta. and repair shops at Oshkosh. Reaches amusement park in Oshkosh, (owned.)

42.479 miles; 4-8½ g; 31 motor and 10 other cars. ★60

PORT WASHINGTON. 3,792.

(See No. 1213.)

RACINE. 46,486 (1916).

(See No. 1220.)

SHEBOYGAN. 28,559 (1916).

(See also No. 1215.)

1229—Eastern Wisc. Elec. Co.—Office, 428 No. 8th St. (Owns and operates what was formerly the Sheboygan Elec. Co., the Eastern Wisc. Ry. & Lt. Co., the Wisconsin Elec. Ry. Co., and the Milwaukee and Fox River Valley Ry.) (Connects Sheboygan, Sheboygan Falls, Plymouth, Crystal Lake and Elkhart Lake.) (Owned and operated by Kelsey, Brewer & Co., Grand Rapids, Mich.)
Pres. Jos. H. Brewer, Grand Rapids, Mich.
V. Pres. & Gen. Mgr.
Harry R. Ellis.....Sheboygan
Sec. Blaine Gavett. Grand Rapids, Mich.
Treas. Willis J. Ripley. "
Audr. Paul Stark.. "
Supt. Transp. & Rolling Stk.
Arthur Kalste.....Sheboygan
Ch. Engr.
L. B. Andrus...Grand Rapids, Mich.
Elec. Engr. E. M. Hervey..Sheboygan
Ch. Engr. Pwr. Sta.
L. P. Fessenden..... "
M. M., J. L. Curtis..... "

Power sta. equip. 3 d. c. Stan. G. E. tot. 1250 kw; 6 a. c. Stan. G. E. Allis-C. tot. 8500 kw. 2300 v. 2 and 3 ph. 60 cys; 2450 hp. e. Allis-C, West; 2250 hp. b. Bab. & W; 6750 kw. stm. turb. G. E. Allis-C.; trans. volt. 13,200 v; trolley volt. 650 v. d. c.

1 sub-sta. 400 kw. 2 mo. gen. sets.

Power sta. at N. 8th St. & Maryland Ave.

Repair shops at So. 8th St. & Clara Ave.

Reaches Lake View and Crystal Lake, (owned.)

34 miles; 4-8½ g; 34 motor and 10 other cars. (Company does general lighting and power business.) ★60

SUPERIOR. 46,226 (1916).

(See No. 503.)

WALWORTH. 755.

1230—Chicago, Harvard & Geneva Lake Ry. Co.—Office, Walworth. (Connects Harvard and Big Foot, Ill., and Walworth and Fontana, Wis.)
Pres. Wm. McKinley.
29 So. La Salle St., Chicago, Ill.
V. Pres. C. F. Propst "
803 Harris Trust Bldg., "
Sec. C. N. Hebner.....Oak Park, Ill.
Gen. Mgr., Cl. Agt. & Pur. Agt.
E. E. Downs.....Walworth
Audr. A. D. Simonson..... "

Energy purchased from Southern Wisconsin Elec. Co.

Repair shops at Walworth.

Reaches Geneva Lake.

12.83 miles; 4-8½ g; 3 motor pass. 1 trail pass. and 15 other cars; 2 elec. locos. (Company does freight business and interchanges with Chicago & Northwestern Ry. and Chicago, Milw. & St. Paul. Ry.) ★60

WAUPACA. 2,789.

1231—Waupaca Elec. Service & Ry. Co.—Office, Waupaca. (Successor to Waupaca Elec. Lt. & Ry. Co.) (Connects Waupaca and Wisconsin Veteran's Home and Grand View Hotel.)
Pres., Gen. Mgr. & Pur. Agt.
E. A. Aspnes.....Waupaca
V.Pres.
Freeman Hibbard, Minneapolis, Minn.
Sec. & Treas. Wm. Dressen..Waupaca
Engr. Pwr. Sta.
W. C. Rasmussen..... "
Power sta. equip. 1 d. c. G. E. 150 kw; 1 a. c. Elec. Mch. 160 kw. 2200 v. 3 ph. 60 cys; 200 hp. e. Erie; 160 hp. b. Erie; 210 hp. turb. (wtr.) Lef; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shops at Waupaca.
Reaches park at Chain-O-Lakes(owned)
5 miles; 4-8½ g; 4 motor pass., 3 trail pass. and 4 other cars. (Company furnishes energy for lighting and power.) 50

WAUSAU. 19,239 (1916).

1232—Wisconsin Valley Elec. Co.—Office, 206-208 3rd St., Wausau. (Successor to Wausau St. R. R. Co.) (Purchased property of Merrill Ry. & Ltg. Co. (Connects Wausau, Schofield and Rothschild.)
Pres. C. C. Yawkey.....Wausau
V. Pres. B. F. Wilson..... "
Sec., Treas. & Gen. Mgr.
M. C. Ewing..... "
Audr. Wm. Anderson..... "
Supt. Ovhd. Constr. R. B. Carter "
Power sta. equip. 2 d. c. Allis-C. C-W. tot. 800 kw; 3 a. c. Natl, Allis-C. tot. 1600 kw. 220-110 v. 3 ph. 60 cys; 1800 hp. b. Heine; 2250 kw. stm. turb. G. E. & Allis-C. 2800 hp. turb. (wtr.) Lef, Allis-C; trans. volt. 44,000 v.; trolley volt. 500 v.
Power sta. at Plummer Island, Wausau.
Repair shops at DeKalb St., Wausau.
Reaches Rothschild Park, (owned.)
9.08 miles; 4-8½ g; 10 motor and 6 other cars. (Company does general lighting and power business.) 119

WYOMING

CHEYENNE. 11,320.

1233—Cheyenne Elec. Ry. Co.—P. O. Box 373, Cheyenne. (Connects Cheyenne and Ft. Russell.)
Pres. J. A. Martin.....Cheyenne
V. Pres. A. D. Johnson..... "
Sec. & Treas. G. E. Abbott.... "
Audr. H. L. Davis..... "
Mgr. D. Porter Empfield..... "
Energy purchased from Cheyenne Lt., Fuel & Pwr. Co.
Repair shops at Pioneer Park.
Reaches Pioneer Park.
5.5 miles; 4-8½ g; 7 motor pass., and 5 trail pass. cars. ★50

SHERIDAN. 8,906.

1234—Sheridan Ry. Co.—Office, Sheridan. (Successor to Sheridan Ry. & Lt. Co.) (Connects Sheridan, Ft. Mackenzie, Dietz, Carneyville and Monarch.)
Pres. Albert Emanuel
61 B'way, New York, N. Y.
V. Pres. Alfred Diefenderfer...Sheridan
Sec. W. F. Breidenbach...Dayton, Ohio
Treas. R. H. Walsh.....Sheridan
Gen. Mgr. D. W. Jones..... "
M. M., James McCoy..... "
Energy purchased from Sheridan County Elec. Co.; trolley volt. 600 v.
1 sub-sta. cap. 525 kw; 2 d. c. rot. conv.
West.
Repair shops at Sheridan.
16.5 miles; 4-8½ g; 8 motor and 4 other cars. ★50

CANADA

ALBERTA

CALGARY. 84,000 (est. 1916).

1235—Calgary Munic. Ry.—Office, 2nd St. E. Victoria Park, Calgary.
Gen. Mgr. Commr.
A. G. Graves.....Calgary
Supt. Ch. Engr. & Elec. Engr.
R. A. Brown..... "
Asst. Supt. C. Combs..... "
Engr. M. of W. Wm. Gale..... "
Energy from plant owned by city (which purchases energy from Calgary Wtr. Pwr. Co.)
Repair shops at 2nd St., E. Victoria Park.
Reaches Bowness Park and St. George's Public Park.
82 miles (65.5 mi. 1st m. t., 15.5 mi. 2nd m. t., 1 mi. sid.) Total miles operated 65.5, 4-8½ g.; 80 motor pass., 6 trail pass., 2 motor freight, 8 motor service and 4 trail service cars. ★60

EDMONTON. 68,500 (1916).

1237—Edmonton Radial Railway—Office, 80th St. and 117th Ave.
Comt. A. Ormsby, Civic Bldg. Edmonton
Treas. F. Barnhouse " "
Audr. D. Mitchell " "
Actg. Supt. Roadmaster & Engr. Ovhd. Constr.
W. J. Brunless..... "
Claim Agt.
A. R. Duncan, Civic Bldg., "
City Engr.
A. W. Haddow " "
M. M., A. Laing..... "
Power sta. equip; 5 d.c.C.-W., Siemens, West., C. G. E., tot. 2100 kw.; 4 a. c. Siemens, C. G. E., West tot. 11,200 kva. 2300 v. 3 ph. 60 cys. 3800 hp. e. G. & Mc; 7200 hp. b. Bab. & W., B. & M.; 8000 kw. stm. turb. W. & R., West.; trans. volt. 2300-6600 v; trolley volt. 1000 v.
1 sub-sta. cap. 1000 kw.; 2 mo.-gen. sets
Power sta. at 104th St. & 92d Ave., Edmonton.
Repair shops at 117th Ave. & 80th St., Edmonton.
Reaches East End, South Side, Patricia Sq. and Municipal Golf Links Parks (owned).
54 miles (owned) and 1.4 mi. (leased); total miles operated 55.4; 4-8½ g; 73 motor pass., 1 motor freight and 7 motor service cars. ★60

LETHBRIDGE. 11,000 (est. 1916).

1238—Lethbridge Munic. Ry.—Office, City Hall, Lethbridge.
Comr. Public Utilities
M. Freeman.....Lethbridge
Sec. & Treas. T. Fleetwood.. "
Audr. J. R. Patterson..... "
Elec. Engr. G. E. Reber..... "
Ch. Engr. Pwr. Sta. J. Watson "
Engr. M. of W. & Ovhd.
Constr. W. Simons..... "
Power sta. equip. 2 d. c. Siemens, England, tot. 600 kw; 2 a. c. Belliss & Morcom, tot. 938 kw. 2200 v. 2 ph. 60 cys; 1100 hp. e. Belliss & Morcom; 2400 hp. b. Bab. & W; 1500 kva. stm. turb. Williams & Robinson, 1-1500 kva. Curtis turbogen. 2200 v.; trans. volt. 200 v; trolley volt. 600 v.
Repair shops at car barns.
Reaches Henderson Park (owned by City).
10.5 miles; 4-8½ g; 10 motor cars. 118

BRITISH COLUMBIA

NELSON. 4,476.

1239—Nelson St. Ry. Co., Ltd. (Munic.)—Office, City Hall, Front St.
Sec. & Treas.
W. E. Wasson, P. O. Box 1028, Nelson
Audr. J. E. Lawrence..... "
Gen. Mgr. & Ch. Engr.
G. T. MacGuire..... "
Supt. F. C. Ingram..... "
Ch. Engr. Pwr. Sta.
Thos. Needham.....Bonnington Falls
Pwr. sta. equip. 2 d. c. Allis-C. West. tot. 550 kw; 2 a. c. Allis-C. tot. 2500 kva. 3 ph. 60 cys; 2500 hp. wtr. turb. Allis-C; trans. volt. 12,000 v; trolley volt. 550 v.
1 sub-sta. cap. 550 kw; 2 mo. gen. sets.
Power sta. at Bonnington Falls on Kootenay River.
Repair shops at Nelson.
Reaches Connaught Park (owned by City).
4 miles; 4-8½ g; 2 motor pass. cars and 1 sweeper. ★60

NEW WESTMINSTER. 17,200.

1240—British Columbia Elec. Ry. Co., Ltd.—Office, Columbia St. (Operates line to Sapperton, Millside and Queensborough.) For executive officers see Vancouver.
Supt. W. H. Elson..New Westminster
23,613 miles; 4-8½ g. 60

1241—British Columbia Elec. Ry. Co., Ltd. (Fraser Valley Branch—New Westminster to Chilliwack.) For executive officers see Vancouver.
Supt. W. H. Elson.....New Westminster
Sub-stas. at Cloverdale, Langley, Matsqui, Sumas and Chilliwack.
77,889 miles; 4-8½ g. 60

VANCOUVER. 120,000.

1242—British Columbia Elec. Ry. Co., Ltd.—Head office, 34 Nicholas Lane, Lombard St., London, Eng. Local office, Hastings & Carrall Sts., Vancouver, B. C. (Company operates city and suburban lines in Vancouver, Victoria, No. Vancouver and New Westminster; three interurban lines connecting Vancouver with New Westminster; interurban line connecting Vancouver with Steveston and interurban line from New Westminster to Chilliwack. See also New Westminster, Fraser Valley and Victoria Branches, Nos. 1240, 1241 and 1243.)
Chairman,
R. M. Horne-Payne.....London, Eng.
Sec. R. W. Bartlett..... " "
Gen. Mgr. George Kidd.....Vancouver
Asst. Gen. Mgr. W. G. Murrin "
Gen. Exec. Asst. F. R. Glover "
Solicitor, V. Laursen..... "
Compt. E. H. Adams..... "
Local Sec. J. V. Armstrong... "
Gen. Fgt. & Pass. Agt.
W. D. Power..... "
Pur. Agt. P. Lewis..... "
Traffic Supt. Wm. H. Dinsmore "
Elec. Supt. J. I. Newell..... "
Power sta. equip. (Lake Buntzen) 10 a. c. C. G. E. West. Dick Kerr, tot. 47,700 kw. 2200 v. 3 ph. 60 cys.
Vancouver stm. auxiliary, 12,500 kw. stm. turb. Allis-C; trans. volt. 35,000 v. trolley volt. 550-600 v.

Sub-stas. at Vancouver, Point Grey, N. Vancouver, So. Vancouver, Lulu Island, Burnaby, New Westminster, Langley, Matsqui, Cloverdale, Sumas and Chilliwack.

Repair shops at Vancouver and New Westminster.

Reaches Stanley Park, Central Park, English Bay and Kitsilano Beach.

367.822 miles (184.966 city and 182.856 interurban lines); 390 passenger, 14 express and baggage, 444 freight and 63 other cars; 17 locomotives. (Co. does a general lighting and power business.) ★60

VICTORIA. 55,000.

1243—British Columbia Elec. Ry. Co., Ltd.—For executive officers see Vancouver. (Operates city lines (41.55 miles) and an interurban line between Victoria and Saanich (24.29 miles), known as the Saanich Interurban Line.)

Local Mgr. A. T. Goward.....Victoria
Mgr. Lt. & Pwr. Dept. S. J. Halls "
Supt. City Lines, H. Gibson.... "
Pur. Agt. A. R. Richardson.... "
Elec. Engr. G. M. Tripp..... "
Engr. M. of W. E. N. Horsey... "
M. M., W. H. Armstrong..... "

Energy purchased from Vancouver Island Pwr. Co; trans. 60,000 & 17,500 v; 42 transf. West, C. G. E. tot. 49,200 kw. 2-300 kw. rot. conv; 2-1000 kw. mo. gen; C. G. E; 2-1000 kw. mo. gen. West. tot. 4600 kw. 2200 v. 3 ph. 60 cys; trolley volt. 550 v.

Auxil. steam sta. at Victoria. 1 d. c. C. West. 500 kw. 550 v; 5 a. c. C. G. E.; West. tot. 2720 kw. 2200 v. 3 ph. 60 cys, 2000 hp. e. Laurie; 2500 hp. b. Bab. & W., Climax.

Reaches Gorge Park (controlled), Oak Bay Park and Beacon Hill Park.

65.84 miles; 4-8½ g. 60

MANITOBA.

BRANDON. 17,500 (est. 1916).

1244—Brandon Municipal Ry.—Office City Hall, Brandon.

City Treas. G. F. Sykes.....Brandon
City Audr. J. B. Beveridge.... "
Supt. Thos. Boden..... "
Frmn. Car Barn T. E. Jones.... "
1st St. & College Ave., "

Energy purchased from Canada Gas & Elec. Corp; 2 d. c. C. G. E. tot. 870 kw; 1 syn. mo. C. G. E. 435 kva. 2300 v. 3 ph. 60 cys; trans. volt. 550-600 v.

Carbarn at 1st St. & College Ave., Brandon.

Reaches Fair Grounds.

10.31 miles; 4-8½ g; 10 motor and 10 other cars. 70

WINNIPEG. 225,000 (est. 1916).

1245—Winnipeg Elec. Ry. Co—Office, Elec. Ry. Chambers. (Operates Suburban Rapid Transit Co., and Winnipeg, Selkirk and Lake Winnipeg Ry.) (Connects Winnipeg, St. Boniface, Selkirk, Stonewall and Headingly.)

Pres. Sir Augustus Nanton....Winnipeg
V. Pres. & Gen. Mgr.
A. W. McLimont..... "
Sec. F. Morton Morse..... "
Treas. J. S. Mackenzie..... "
Asst. to Gen. Mgr. { & Asst. Sec. Lawrence Palk.. "
R. R. Knox..... "
Audrs.
Marwick, Mitchell, Peat & Co. "
Actg. Internal Audr. J. Scott... "
Publicity Agt. H. C. Howard... "
Counsel, Edward Anderson, K.C. "
Solicitors,
Moran, Anderson & Guy....Winnipeg
Gen. Supt. F. L. Butler..... "
Asst. to Gen. Supt.
W. H. Darracott..... "
Contr. Supt. W. J. Osborne.... "
Pur. Agt. F. J. Pratt..... "
Storekeeper Freeman Henry.... "
Traffic Supt., W. F. Edwards.. "
Transp. Engr. J. R. Ong..... "
Elec. Engr. A. Trott..... "
Consulting Elec. Engr.
W. Nelson Smith..... "
Supt. Rolling Stk.
J. E. Watkins..... "
Engr. Maint. Way & Struct.
S. Wilkins..... "
Mgr. Gas Dept. M. L. Kane.... "
Supt. Wtr. Dept. F. W. Woodman. Pinawa

Winnipeg power sta. equip. 12 a. c., C. G. E. tot. 27,000 kw. 2200 v. 3 ph. 60 cys. 6100 hp. b. Bab. & W; 9000 kw. stm. turb. C. G. E. 33,000 hp. wtr. turb. Smith trans. volt. 60,000 v; trolley volt. 575 v.

Pinawa hydro-elec. sta. equip.—9 a. c. C. G. E. tot. 14,000 kw; 33,000 hp. wtr. turb. Morgan Smith.

6 sub-stas. tot. cap. 13,500 kw; 14 mo. gen. sets.

Repair shops at Main St. & Assiniboine Ave.

Reaches River Park (owned), Assiniboine Park and Kildonan Park.

112.13 miles (64.8 mi. 1st. m. t., 39.9 mi. 2nd m. t., and 7.6 mi. sid.); 4-8½ g; 306 motor pass., 12 trail pass., 3 motor freight, 4 trail freight and 8 motor service cars; 7 auto pass. buses. (Company furnishes energy for lighting and commercial purposes and operates gas works in Winnipeg and vicinity.) ★60

1246—Winnipeg, Selkirk & Lake Winnipeg Ry.—Office, Electric Railway Chambers. (Operated by Winnipeg Elec. Ry.) (Connects Winnipeg, Selkirk and Stonewall.)

Pres. F. Morton Morse.....Winnipeg
V. Pres. Geo. V. Hastings..... "
Sec. Lawrence Palk..... "
Treas. J. S. Mackenzie..... "
Audrs.
Marwick, Mitchell, Peat & Co. "
Gen. Mgr. A. W. McLimont... "
Supt. G. Pettingell.....Selkirk
Claim Agts.
Moran, Anderson & Guy....Winnipeg
Pur. Agt. F. J. Pratt..... "
Elec. Engr. ——..... "

Energy purchased from Winnipeg Elec. Ry. Co.; trans. volt. 14,000 v; trolley volt. 600 v.

3 sub-stas. tot. cap. 2200 kw; 5 mo. gen. sets.

Repair shops at Selkirk.

Reaches Selkirk Park.

41.07 miles (38.47 mi 1st. m. t., 1.54 mi. 2nd m. t., and 1.06 mi. sid.); 4-8½ g; 6 motor pass., 6 trail pass. and 1 motor freight car. (Company sells energy for lighting in Selkirk and does general lighting and power business in other municipalities.) ★60

1247—Suburban Rapid Transit Co.—(Line extends from Winnipeg to Headingly on the north, and beyond the city park on the south side of the Assiniboine River.) (Operated by Winnipeg Elec. Ry. Co., which see for operating officers.)

Pres. Sir Augustus Nanton.....Winnipeg
V. Pres. Geo. V. Hastings..... "
Sec. Lawrence Palk..... "
Gen. Mgr. A. W. McLimont... "
Audrs.
Marwick, Mitchell Peat & Co. "
Solicitors,
Moran, Anderson & Guy.... "
Gen. Supt. F. L. Butler..... "

Energy purchased from Winnipeg Elec. Ry. Co.; trans. volt. 22,000 v; trolley volt. 600 v.

1 sub-sta. cap. 1800 kw; 2 mo. gen. sets C. G. E.

Repair shops at Winnipeg.

21.25 miles (17.25 mi. 1 st m. t., 3.68 mi. 2nd m. t., .32 mi. sid.); 4-8½ g; 10 cars, (rented from Winnipeg Elec. Co.) ★60

NEW BRUNSWICK.

MONCTON. 11,345 (1916).

1247a—Moncton Tramways, Electricity & Gas Co., Ltd.—Office, Moncton. (Operates in Moncton.)

Pres. & Gen. Mgr. E. B. Reeser
21 E. 40th St., New York, N. Y
1st V. Pres. E. O. Bartlett "
Sec. Jas. A. Dunn..... "
Treas. J. T. Furlong..... "
Pur. Agt. E. A. Cummings...Moncton
Actg. Supt. & Elec. Engr.
Geo. Scott..... "

Power sta. equip. 1 d. c. C. G. E. 225 kw; 2 a. c. C. G. E. tot. 600 kw. 1100 v. 2 ph. 60 cys; 600 hp. e; 750 hp. b. Robb. trolley volt. 550 v.

Power sta. and repair shops at 38 Mechanic St., Moncton.

2.5 miles; 4-8½ g; 4 motor pass. cars and 1 other car. (Company does general lighting and power business.) ★50

ST. JOHN. 55,000 (1916).

1248—New Brunswick Power Co.—Office, cor. Dock and Union Sts. (Has taken over The St. John Ry. Co. and Eastern Elec. Co., Ltd.) (Connects St. John, West St. John, East St. John, Fairville, Lancaster and Coldbrook.)

Pres. L. R. Ross.....St. John
Sec. & Treas.
H. M. Hopper..... "
Gen. Mgr. Thos. H. M. Cauley. "
Elec. Engr. H. A. Brown..... "
Engr. Pwr. Sta. J. Geary..... "

Power sta. equip. 2 d. c. C. G. E. West. tot. 1400 kw; 4 a. c. C. G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 4000 hp. e. Robb & Laurie; 6000 hp. b. Bab. & W; 3200 kw. (stm.) turb. G. E. West; trolley volt. 550 v.

Power sta. and repair shops at St. John.

Reaches Seaside Park at West St. John (owned).

25 miles; 4-8½ g; 91 cars. (Company operates street ry; electric light, power and gas plant. ★60

NOVA SCOTIA.

HALIFAX. 46,619 (1916.)

(See also No. 1335.)

1249—Nova Scotia Tramway & Power Co., Ltd.—Office, 422-4 Barrington St. (Has taken over Halifax Elec. Tramway Co.)

Pres. A. Stuart Pratt
147 Milk St., Boston, Mass.
Sec. & New Business Mgr.
H. A. Lemmon.....Halifax
Treas. J. R. Blackett..... "
Gen. Mgrs.
Stone & Webster, Inc...Boston, Mass.
Mgr. W. L. Weston.....Halifax
Supts. { Lt. & Pwr, J. L. Collins "
Supts. { Tramways, I. P. Macnab "
Claim Agts., Rainie & Keator
10 Prince St., "
Storekeeper J. F. Scriven..... "
Ch. Engr. Pwr. Sta.
P. A. Freeman, 5 Lower Water St. "
Engr. Ovhd. Constr. W. S. Soper, Halifax

Power sta. equip. 4 a. c. C. G. E. tot 6200 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Prov; 4500 hp. b. Bab. & W; 5000 kw. stm. turb.; C. G. E.; trans. 2300 v; trolley volt. 575v.

Power sta. and repair shops at Lower Water St.

Reaches Public Gardens, Spring Garden Road, Point Pleasant and N. W. Arm.

21.173 miles; 4-8½ g; 62 motor cars. (Company also controls the city lighting and gas supply.) ★50

NEW GLASGOW. 6,386 (1916).

(See No. 1250.)

STELLARTON. 3,910 (1916).

1250—Pictou County Elec. Co., Ltd.—Office, Stellarton. (Connects New Glasgow, Stellarton, Westville and Trenton.)

Pres. Chas. A. Flaherty
113 State St. Boston, Mass.
V. Pres., Mgr. & Pur. Agt.
Leonard T. Flaherty.....Stellarton
Sec. & Treas. Wm. B. Rogers
113 State St. Boston, Mass.
Audr. F. H. Oxley.....Halifax
Supt. Ry. C. F. McQuarrie . New Glasgow
Ch. Engr. Pwr. Sta.
N. J. Miller..... "
M. M., Wm. Thompson.....Stellarton
Roadmaster, Jas. Marshall, New Glasgow

Power sta. equip. 6 d. c. C. G. E. tot. 675 kw; 4 a. c. C. G. E. tot. 975 kw. 2300 v. 3 ph. 60 cys; 2503 hp. e. Robb, Harris b; 1050 hp. b. Robb, Matheson; trolley volt. 550 v.

Power sta. & repair shops at Stellarton.

9.5 miles; 4-8½ g; 14 motor and 4 other cars. (Company does lighting and power business.) ★60

SYDNEY. 17,723 (1916).

1251—Cape Breton Elec. Co., Ltd.—Office, Esplanade, Sydney. (Company does the entire electric lighting and electric railway business in Sydney, the entire electric lighting business in North Sydney, the ferry business between Sydney and North Sydney, and operates an interurban line between North Sydney and Sydney Mines.) (Controls the Sydney & Glace Bay Ry. Co., Ltd., an interurban line (19 miles) between Sydney and Glace Bay, which is operated under lease.)

Pres. A. Stuart Pratt
147 Milk St., Boston, Mass.
V. Pres. Frederick S. Pratt
147 Milk St., "
Sec. Edw. T. Clark
147 Milk St., "
Treas. Henry B. Sawyer.. "
Gen. Mgrs.
Stone & Webster, Inc... "
Local Mgr. C. C. Curtis.....Sydney
Supt. J. B. Bulley..... "
Ch. Engr. Pwr. Sta. A. C. Webber "
M. M., J. G. Sharpe..... "
Roadmaster J. M. Sween..... "
Engr. Ovhd. Constr. C. J. Campbell "

Power sta. equip. 3 d. c. C. G. E. tot. 700 kw; 3 a. c. C. G. E. tot. 1100 kw. 2200 v. 2 ph. 60 cys; 1875 hp. e. Laurie & Robb; 1300 hp. b. Robb; 500 kw. stm. turb. C. W., Allis-C; 1 mo. gen. C. G. E. 300 kw; trans. volt. 22,000 v; trolley volt. 600 v.

Power stas. (1800 kw. cap.) at Townsend St., Sydney and Regent St., N. Sydney.

Repair shops at Sydney, No. Sydney and Glace Bay.

Sub-stas. at No. Sydney and Reserve each containing 1 mo-gen. 300 kw.

12.85 miles owned (11.89 mi. 1st m. t. and 0.96 mi. sid.); also 19.03 miles leased; 4-8½ g; 22 motor pass., 1 motor freight, 3 trail freight, 4 motor service and 1 trail service car. ★70

YARMOUTH. 6,600 (1916).

1252—Yarmouth Lt. & Pwr. Co., Ltd.—Office, Yarmouth. (Successor to Yarmouth St. Ry. Co., Ltd.) (Operates in Yarmouth only.)
Pres. & Pur. Agt. Carl M. Pihl
50 Congress St., Boston, Mass.
V. Pres. Thos. L. Wiles
50 Congress St.,
Sec. & Asst. Mgr.
D. B. Stoneman.....Yarmouth
Treas. & Audr. A. J. Markle
50 Congress St., Boston, Mass.
Power sta. equip. 1 d. c. C. G. E. 150 kw; 3 a. c. C. G. E. tot. 525 kw. 2200 v. 3 ph. 60 cys; 400 hp. e. Robb, Leonard; 373 hp. b. Can. Fdy; 400 hp. wtr. turb. Smith; trans. volt. 22,000 v.; trolley volt. 550 v.
Power sta. and repair shops at Yarmouth.
Reaches park one mile from Yarmouth (owned).
3 miles; 4-8½ g; 6 motor cars. (Company does lighting and power business). 119

ONTARIO

AMHERSTBURG. 2,560 (1916).

(See No. 1293.)

BRANTFORD. 23,132 (1916).

(See also No. 1260.)

1255—Brantford Munic. Ry.—Office, 303 Colborne St., Brantford. (In 1914 the city took over the Brantford St. Ry. Co. and the Grand Valley Ry. Co.) (Operates in Brantford and connects this city with Paris.)
Bd. of Comrs. } Chmn. F. J. Calbeck, Brantford Ry. } W. R. Turnbull..... "
} C. H. Hartman..... "
Sec., Gen. Mgr. & Pur. Agt.
A. H. Foster..... "
M. M., D. Emslie..... "
Supt. Track. Alex. Topp..... "
Energy purchased from Hydro-Elec. Pwr Comm. of Ont.
Sub-sta. at Brantford, 2 mo. gen. sets tot. 400 kw, and at Paris, rot. conv. 200 kw; trolley volt. 550-600 v.
Repair shops at Brantford.
Reaches Mohawk Park (owned by city).
29.76 miles (20.76 city and 9 interurban); 4-8½ g; 13 motor cars and 1 work car; 2 sweepers; 1 plow. 60

CHATHAM. 10,770 (1916).

1256—Chatham, Wallaceburg & Lake Erie Ry. Co.—Office, 253 King St., Chatham. (Connects Chatham and Wallaceburg.)
Pres. R. G. O. Thompson
43 Victoria St., Toronto
V. Pres. J. D. Morton..... "
Sec. & Treas. H. S. Gansby... "
Audr. Fgt. Acct. C. F. Waugh, Chatham
Gen. Mgr. W. J. Curle..... "
M. M., A. A. Taggart..... "
Acctant. R. C. Bissett..... "
Power sta. equip. 2 d. c. Ridgway tot. 600 kw. 550 v; 900 hp. e. Ridgway; 750 hp. b. Bab. & W.; trans. & trolley volt. 550 v. Energy purchased from Hydro-Elec. Pwr. Comm. (Niagara System).
Power sta. and repair shops at Chatham.
Reaches Erie Beach on Lake Erie (controlled).
40.77 miles in operation; 4-8½ g; 8 mo. pass., 2 trail pass. and 89 fgt. cars; 1 other car; 2 elec. locos. (Has freight interchange with Michigan Central R. R. at Charing Cross, Canadian Pacific Ry. at Chatham, the Pere Marquette R. R. at Wallaceburg, the Wabash R. R. and the Grand Trunk Ry.) 70

CORNWALL. 6,598 (1916).

1257—Cornwall St. Ry., Lt. & Pwr. Co., Ltd.—Office, Second St. E.
Pres. S. H. Ewing.....Montreal, Que.
Sec. & Treas. E. A. Macnutt
142 Notre Dame St., "
Audrs. P. S. Ross & Co., "
Gen. Mgr. & Ch. Engr.
W. L. Macfarlane..... Cornwall
Engr. Pwr. Sta. E. Hart..... "
Power sta. equip. 3 d. c. Northn, G. E. tot. 600 kw; 300 hp. e. Robb; 300 hp. b. Robb; 400 hp. wtr. turb. S. Morgan Smith; trolley volt. 550 v. Energy also purchased from St. Lawrence Pwr. Co. Ltd.
Power sta. (hydro-elec.), south of Cornwall Canal.
Repair shops north of Cornwall Canal. Owns St. Lawrence Park.
6 miles; 4-8½ g; 10 motor pass. cars; 2 elec. locos; 1 sweeper ★50

FORT WILLIAM. 16,499 (1916).

(See also No. 1279.)

1258—Fort William Electric Ry. (Munic.)—Office, City Hall. (Operates in Ft. William and connects with Port Arthur Civic System.)
Chmn. Committee, G. A. McDonald
Victoria Ave., Fort William
Treas. Harry James..... "
Audr. P. H. B. Dawson..... "
Gen. Mgr. A. L. Farquharson.. "
Traffic Mgr. M. E. Morton.... "
M. M., E. H. Workman..... "
Energy purchased from Kaministiqua Pwr. Co.
1 sub-sta. 3 d. c. C. G. E. Allis-C. Bull. tot. 1875 kw; trolley volt. 550 v.
Car barns at Walsh St.
Reaches Murphy Park.
20.55 miles (19.95 mi. 1st & 2nd m. t. 1.6 mi. sid.) 4-8½ g; 15 motor pass., 4 trail pass. and 2 motor service cars. (City manages lighting and telephone utilities.) ★50

GALT. 10,299 (est 1916).

1259—Grand River Railway—Office, 8 N. Water St. (Connects Galt, Preston, Hespeler, Kitchener and Waterloo, and connects with Lake Erie & Northern Ry.)
Pres., A. D. McTier
C. P. R., Montreal, Que.
V. Pres. & Treas. M. Milne Todd.. Galt
Sec. H. C. Oswald.....Montreal, Que.
Audr. A. McL. Campbell..... "
Gen. Mgr. M. W. Kirkwood..... "
Supt. A. J. Clarke.....Preston
Pur. Agt. F. Darnley..... "
Claim Agt. A. W. Cornish.....Galt
Gen. Fgt. & Pass. Agt. C. J. Whitney. "
Ch. Engr. F. H. Midgley..... "
Ch. Engr. Pwr. Sta. & M. M.,
R. E. Watt.....Preston
Roadmaster, J. Deans..... "
Power sta. equip. 1 a. c. C. West. 500 kw. 370 v. 3 ph. 25 cys; 750 hp. e. G. & McC; 500 hp. b. G. & McC; trans. volt. 6600 v; trolley volt. 600 v; energy also purchased from Hydro-Elec. Pwr. Comm. of Ont.
2 sub-stas. tot. cap. 1300 kw; 3 rot. conv.
Power sta. and repair shops at Preston.

Reaches Idlewild Park (owned).
22 miles; 4-8½ g; 9 motor pass., 1 exp. motor, 2 fgt. and 2 other cars; 3 elec. locos. (Passenger and freight service.) 50

1260—Lake Erie & Northern Railway—Main office, Galt. (Leased for 999 years to Canadian Pacific Ry.) (Operates between Galt, Glenmoris, Paris, Brantford, Waterford, Simcoe and Port Dover, connecting with the main line of the Canadian Pacific Ry. at Galt.)
Pres. A. D. McTier, C. P. R., Montreal, Que.
V. Pres. & Treas. M. Milne Todd..Galt
Sec. H. C. Oswald.....Montreal, Que.
Audr. A. McL. Campbell.....Galt
Gen. Mgr. M. W. Kirkwood..... "
Supt. A. J. Clarke.....Preston
Pur. Agt. F. Darnley..... "
Gen. Fgt. & Pass. Agt. C. J. Whitney, Galt
Claim Agt. A. W. Cornish..... "
Ch. Engr. F. H. Midgley..... "
Ch. Engr. Pwr. Sta. & M. M.
R. E. Watt.....Preston
Roadmaster, J. J. Morissey, Brantford
Engr. Ovhd. Constr.
D. McKerchar..... "
Energy purchased from Hydro-Elec. Pwr. Commission of Ont.; trolley volt. 1500 v.
3 sub-stas. tot. cap. 1500 kw; 3 rot. conv.
Sub-stas. at Galt, Simcoe and Brantford; repair shops at Preston.
Reaches Port Dover Park.
50 miles; 4-8½ g; 4 motor pass., 16 trail pass., 2 exp. motor and 11 (Ballast) other cars; 2 60-ton elec. locos. 50

GANANOQUE. 3,804.
(See No. 1274.)

GUELPH. 16,000.
(See also No. 1288.)

1261—Hydro Electric Power Commission of Ontario (July 1, 1920 took over property of Guelph Radial Ry. Co.). Office, Guelph.
Pres. H. Westoby.....Guelph
Treas. J. O. N. Rose..... "
Audrs. Fred. Page Higgins & Co.. "
Gen. Mgr. J. A. House..... "
M. M., J. Johnson..... "
Roadmaster A. Hauck..... "
Energy purchased from Hydro-Electric Pwr. Comm. of Ont.; trans. volt. 550-600 v; trolley volt. 600 v.
Repair shops at Waterloo Ave., Guelph.
Reaches Riverside Park (owned by Co.)
8.3 miles; 4-8½ g; 10 motor and 4 other cars. ★60

HAMILTON. 81,960 (est. 1916).

1262—Brantford & Hamilton Elec. Ry.—Office, Hamilton Terminal Bldg. (Connects Hamilton, Ancaster, Alberton, Cainesville and Brantford.) (Controlled by the Dominion Pwr. & Transmission Co., Ltd.)
Energy from Hamilton Cataract Pwr., Lt. and Trac. Co.'s De Cew Falls plant; trans. volt. 40,000 v. 3 ph. 66 cys.
23 miles; 4-8½ g; 10 cars. 60

1263—Dominion Power & Transmission Co., Ltd.—Office, Terminal Bldg. (Controls Hamilton Cataract Pwr., Lt. and Trac. Co., the Hamilton Elec., Lt. & Pwr. Co., Hamilton St. Ry. Co., Hamilton Radial Elec. Ry. Co., Hamilton & Dundas St. Ry., Hamilton, Grimsby & Beamsville Elec. Ry. Co., Brantford & Hamilton Elec. Ry. Co., Western Counties Elec. Co., Lincoln Elec. Lt. & Pwr. Co. & Welland Elec'l Co.)
Pres. J. R. Moodie.....Hamilton
V. Pres. Cyrus A. Birge..... "
Sec., Mng. Dir. & Ch. Engr. Wm. C. Hawkins..... "
Treas. James Dixon..... "
Gen. Mgr. Edw. P. Coleman.. "
Ch. Acctn. Geo. D. Fearman.. "
Gen. Supt. Ry. Dept. Geo. E. Waller..... "
Supt. St. Ry. Div. William Parker..... "
Cl. Agt. & Supt. Interurban Div. F. B. Griffith..... "
Pur. Agt. J. B. Griffith..... "
Supt. of Const. C. K. Green... "
Gen. Supt. Lt. & Pwr. W. G. Angus..... "
M. M. J. O. Binkley, Terminal Sta. "
Power sta. equip. 11 d. c. C. G. E. West. tot. 3950 kw; 14 a.c. G. E, C. G. E. West. tot. 33,050 kw. 2400 v. 3 ph. 66⅔ cys; 4200 hp. b. Edge; 40,300 hp. (wtr.) turb. Riva-Monneret, Kennedy, Voith; 45,000 kw. (stm.) turb. West; trans. volt. 40,000 v; trolley volt. 600 v.
Power stas. at Power Glen, near St. Catherines, Hamilton and Brantford.
Repair shops at Hamilton.
107 miles; 4-8½ g; 134 cars. (Company does general lighting business.) 60

1264—Hamilton, Grimsby & Beamsville Ry. Co.—Office, Terminal Bldg. (Controlled by the Dominion Pwr. & Transmission Co., Ltd., which see for officers.)
Energy purchased from Hamilton-Cataract Pwr., Lt. & Trac. Co.
Repair shops at Hamilton.
22 miles; 4-8½ g; 12 cars. 60

1265—Hamilton Mountain Park Co., Ltd.—(Operates incline railway for transporting, passengers, freight, etc., up the mountain.)
Energy purchased from Munic. Hydro-Elec. Dept.
1754 feet; 12-1½ g; 2 cars (double-geared electric incline hoist). 75j

KINGSTON. 18,874 (1916).

1266—Kingston, Portsmouth & Catg araqui Elec. Ry. Co.—Office, King St.
Pres. H. W. Richardson.....Kingston
Sec. & Treas. W. F. Nickle.... "
Supt. & Pur. Agt. H. C. Nickle "
M. M., A. E. Oakes..... "
Park Mgr. J. E. Jones..... "
Energy purchased from City of Kingston.
Repair shops at Kingston.
Reaches Lake Ontario Park (controlled).
8 miles; 4-8½ g; 23 cars. ★50

KINGSVILLE. 1,427 (1916).

1267—The Windsor, Essex & Lake Shore Rapid Ry. Co.—Office, Kingsville. (Controlled by Dominion Traction and Lighting Co., Ltd.) (Connects Windsor, Essex, Kingsville and Leamington.)
Pres. G. R. Cottrelle.....Toronto
V. Pres., Gen. Mgr., & Pur. Agt. A. Eastman.....Kingsville
Sec. & Treas. W. R. Phillimore, Chatham
Asst. Sec. & Treas. J. L. Baird, Kingsville
Supt. C. P. Cooper..... "
Traffic Mgr. E. S. Hughes.... "
Ch. Engr. A. Baltser..... "
Ch. Engr. Pwr. Sta. F. Walsh. "
M. M., J. Carnegie..... "
Supt. Line Dept. C. Peterson.. "
Roadmaster Chas. Loop..... "
Power sta. equip. 2 d. c. C. West. tot. 1000 kw; 2 a. c. West. tot. 1000 kw. 3 ph. 25 cys; 1500 hp. c. G. & McC; 1400 hp. b. C. Fdy; trolley volt. 6600 v. 3 ph.

Power sta. and repair shops at Kingsville.
Reaches casino and park at Kingsville-on-the-Lake.
38 miles; 4-8½ g; 7 motor pass., 4 trail pass., 1 electric express, 2 trail express and 20 other cars; 1 elec. loco 50

KITCHENER. 22,000 (1919).

1267a — The Waterloo Wellington Railway Co.—(Formerly the Berlin & Northern Rwy. Co.)—Office, 90 King St., West. (Connects Kitchener and Bridgeport. Will extend to Elora and Fergus within the next three years.)
Pres. W. H. Breithaupt.....Kitchener
V. Pres. Geo. M. Shirk.....Bridgeport
Sec., Treas. & Gen. Mgr.
J. H. Wesst.....Kitchener
Energy purchased from city.
Reaches Riverside Park, casino, race track, etc. at Bridgeport.
3.5 miles; 4-8½ g; 3 cars. 119

1267b—Kitchener & Waterloo St. Ry. (Munic.)—Office, 169 King St., West. (Operated by the Kitchener Lt. Comm. Has traffic agreement with Preston & Kitchener St. Ry. Connects Kitchener, Waterloo and Bridgeport.)
Chmn. Lt. Comm. G. Lippert. Kitchener
Sec. & Treas. G. H. Clarke.... "
Supt. V. S. McIntyre..... "
M. M., W. G. Sinclair..... "
Energy purchased from Hydro-Elec. Pwr. Comm. of Ont. (Niagara System); trans. volt. 13,200 v. 3 ph. 25 cys; trolley volt. 550 v.
1 sub-sta. cap. 3 rot. conv. West. tot. 825 kw.
Sub-sta. and repair shops at Kitchener.
Reaches park in Bridgeport(controlled)
7 miles; 4-8½ g; 13 motor and 4 trail cars. ★50

LONDON. 65,000 (1919).

1269—The London & Port Stanley Ry. (Munic.)—Office, Philip & Maitland Sts. (Extends south from City of London through the Villages of Westminster, Glanworth and Yarmouth. City of St. Thomas, Village of Whitne and terminates in Village of Port Stanley. Controlled and operated by London Railway Commission.)
Chmn. Comm.
Sir Adam Beck, K. B.....London
Mayor, E. S. Little..... "
Sec. C. S. Way..... "
Commrs. { Dr. R. W. Shaw..... "
Philip Pocock..... "
W. A. Martin..... "
Treas. & Mgr. J. E. Richards.... "
Audr. H. A. Cromwell..... "
Engr. M. of W., D. M. Morrison.. "
M. M., C. E. Lambert..... "
Energy purchased from Hydro-Elec Pwr. Comm. of Ont.; trans volt. 13,200 v. 3 ph. 25 cys; trolley volt 1500 v d c catenary)
Repair shops at London
Reaches Port Stanley Park (owned.)
35 miles; 4-8½ g; 7 motor, 10 trail 1 motor express and 5 box cars; 3 60-ton elec. freight locos; 3 cabooses ★60

1270—London St. Ry. Co.—Office, 703 Dundas St. (Owns Springbank Park Line.)
Pres. Charles Currie.....Akron, O
Sec. & Treas. Leonard Tait.....London
Mgr. & Pur. Agt. C. B. King "
M. M. H. Welburn "
Supt. Track A. M. Daniel "
Energy purchased from Hydro-Elec Pwr. Commission of Ont. trolley volt 600 v
Repair shops at Lyle St. London
Reaches Springbank Park
35 miles; 4-8½ g; 54 motor and 5 trail cars 115

NIAGARA FALLS. 9,248 (1916).

(See also No. 1291.)

1271—The Niagara Spanish Aerocar Co., Ltd.—Office, 41 Erie Ave. (Operates aerial cableway for tourists, spanning the gorge in which the Whirlpool at Niagara Falls is located. Connects with International Ry. Co. and Niagara Gorge R. R. Co.)
Pres. ——.....Niagara Falls
V. Pres. Gonsalo Torres... "
Sec., Treas. & Mgr.
Herbert Ballard..... "
Supt. & Engr. M. of W.
Calvin Stevens..... "
M. M., James R. Brown.. "
Energy purchased from Stamford Hydro-Electric Co., Thompson's Point; 1 motor West. 75 hp. 3 ph. 25 cys.
1780 ft; sextuple cable; 1 car. 119

NORTH COBALT. 200.

1272—Niplssing Central Ry.—Office, North Cobalt. (Connects Cobalt, North Cobalt, Haileybury, New Liskeard and Kerr Lake.)
Pres. J. L. Englehart.....Toronto
Sec. & Treas. W. H. Maund.... "
Audr. H. H. McGee.....North Bay
Supt. K. McDonald.....North Cobalt
Supt. of Traffic, W. A. Griffin. North Bay
Claim Fgt. & Pass. Agt.
A. J. Parr..... "
Pur. Agt. W. A. Graham.... "
Ch. Engr. S. B. Clement..... "
Energy purchased from The Northern Ontario Lt. & Pwr. Co.; trans. volt. 4300 v; trolley volt. 550 v.
Reaches Athletic Park, North Cobalt.
15.37 miles; 4-8½ g; 8 motor cars and 1 other car. 120

OSHAWA. 7,436 (1916).

1274—The Oshawa Ry. Co.—Office, Gananoque. (Connects Cedar Dale, Twp. of East Whitby and Oshawa-on-the-Lake.)
Pres. J. E. Dalrymple...Montreal, Que.
Sec., Treas. & Audr.
J. H. Valleau.....Gananoque
Mgr. & Gen. Fgt. & Pass. Agt.
H. W. Cooper..... "
Supt., Pur. Agt & Ch. Engr.
J. J. Callaghan.....Oshawa
Engr. Pwr Sta. E. Stoliken..... "
M. M. W. M. Duffy..... "
Roadmaster, H. A. Cooper..... "
Eng. Ovhd Constr. J. J. Mitchell "
Energy purchased from Hydro-Elec. Pwr. Comm. of Ont; trans. 2000 v; trolley 600 v.
1 sub-sta: 2 d. c. C. West. tot. 700 kw.
Power plant and repair shops at Oshawa.
Reaches Alexandria Park.
16 miles; (10 mi. 1st m. t. and 6 mi. 2d t.); 4-8½ g; 7 motor pass., 8 motor freight and 2 motor service cars; 4 elec. locos. (Company has large freight switching business.) ★50

OTTAWA. 110,000 (1916).

(See also No. 1295.)

1276—The Ottawa Elec. Ry. Co.—Office, 248 Albert St. Operates in Ottawa and a suburban line to Britannia, 5 miles from city and Hull, Que. (Controlled by Ottawa Trac. Co., Ltd.
Pres. T. Ahearn, 248 Albert St. . Ottawa
V. Pres.
Warren Y. Soper, 56 Sparks St. "
Sec.-Treas.
G. L. Smithing, 248 Albert St. "
Mgr. F. D. Burpee..... "
Asst. Mgr. & Pur. Agt.
J. M. Ahearn. "

Audrs. Arthur A. Crawley & Co..Ottawa
Supt. A. J. Tobin..... "
Claim Agt. Geo. W. Long..... "
Elec. Engr. M. C. O'Donnell
56 Sparks St., "
Ch. Engr. Pwr. Sta.
W. H. Baldwin, Middle St., "
M. M.,
R. A. Baldwin, 337 Albert St., "
Power sta. equip. 2 d. c. West. tot. 2809 kw; 4000 hp. turb. (wtr.) West. trans. volt. 2200 v; trolley volt. 600 v.; energy also purchased from Ottawa Electric Co.
Aux. stm. sta.; 1 turbo gen. West. 4000 kva. 2400 v; 2 ph. 60 cys. 2700 hp. Bab. & W.
4 sub-stas.; tot. cap. 4875 kw., 4 mo. gen. sets.
Power sta. at Middle St.
Repair shops at Albert St.
Reaches Britannia Park (owned) and Rockcliffe Park.
55 miles; (25 mi. 1st m. t., 27 mi. 2nd m. t. and 3 mi. sid.) 4-8½ g; 164 motor pass., 14 motor service and 5 trail service cars. ★50

1277—Ottawa Trac. Co., Ltd.—(Controls The Ottawa Elec. Ry. Co.)
Pres. T. Ahearn.....Ottawa
V. Pres. Warren Y. Soper..... "
Sec. & Treas. G. L. Snelling..... "
Audrs. Arthur A. Crawley & Co.. "
50

PETERBORO. 18,360 (1916).

1278—The Peterboro Radial Ry. (Munic.)—Office, 287 George St., Peterboro. (In 1916, road purchased by Ontario Government, and now operated by the Hydro-Elec. Pwr. Comn. of Ontario.)
Commrs. { Chmn. Sir Adam Beck, K.B., London
Hon. I. B. Lucas, M.P.P. Markdale
W. K. McNaught, C.M.G., Toronto
Sec. W. W. Pope..... "
Ch. Engr. F. A. Gaby..... "
Local Mgr. W. G. Ferguson..Peterboro
Roadmaster, J. McCann..... "
Energy from Hydro-Elec. Pwr. Comn. of Ont; trolley volt. 550 v.
7¼ miles; 4-8½ g; 10 cars; 2 snow sweepers; 2 wing plows. 50

PORT ARTHUR. 12,000 (1916).

(See also No. 1258.)

1279—Port Arthur Civic Railway.—(Operated by the Public Utilities Comn.)—Office, Whalen Bldg. (Operates in Port Arthur and connects this city with Ft. William.)
Chmn. Comn. M. C. Campbell, Port Arthur
Commrs. { Mayor, I. L. Matthews "
E. J. Blaquier..... "
W. Marrigan..... "
R. Tourtellot,.... "
Treas. D. McIver.....Port Arthur
Sec., Gen. Mgr., Pur. Agt. & M. M., M. M. Inglis.. "
Audrs. McIntosh, Cole & Robertson, Toronto
Mechanic, F. Philip.....Port Arthur
Roadmaster, Jas. Dillon...Car Barns, Port Arthur
Energy purchased from Hydro-Electric Power Comm. of Ont.; 3 d. c. S. & H., Allis-C. tot. 1150 kw; 200 hp. turb. (wtr.); trolley volt. 600 v.
19.5 miles; 4-8½ g; 19 motor pass., 2 trail pass. and 3 trail service cars. (City manages lighting, telephone and water works system.) ★50

PORT DOVER. 1,138 (1916).

(See No. 1260.)

PORT STANLEY. 891 (1916).

(See No. 1269.)

PRESTON. 4,923.

(See Nos. 1259 and 1260.)

ST. CATHARINES. 19,078 (1916).

1280—Niagara, St. Catharines & Toronto Ry. Co.—Office, St. Catharines. (Controls the Port Dalhousie, St. Catharines & Thorold Elec. St. Ry. and Niagara Falls, Wesley Park & Clifton Tramway Co.) (Part of Canadian National Rys.) (Connects Port Dalhousie, St. Catharines, Thorold, Niagara Falls, Welland, Port Colborne and Niagara-on-the-Lake.)
Pres. D. B. Hanna.....Toronto
V. Prests. { M. H. McLeod..... "
A. J. Mitchell..... "
Sec. R. P. Ormsby..... "
Treas. H. G. Foreman..... "
Audr. J. C. Haight.....St. Catharines
Gen. Supt. E. W. Oliver.....Toronto
Supt. N. S. Cumming.....St. Catharines
Pur. Agt. R. Wilson..... "
Claim Agt. H. MacDonald.....Toronto
Gen. Fgt. & Pass. Agt. R. L. Fairbairn..... "
Ch. Engr. A. F. Stewart..... "
Sig. Engr. W. M. Punter.....Toronto
Roadmaster, Jno. Carey.. "
Energy purchased from Toronto Niagara Power Co.; trans. volt. 12,000 v; trolley volt. 600 v.
5 sub-stas. tot. cap. 3850 kw; 8 rot. conv.
Repair shops at St. Catharines.
Reaches, owns and operates amusement park at Port Dalhousie and leases Lakeside Park.
78 miles (electric and steam); 4-8½ g. 55 pass. and 58 freight cars, 8 locos; 3 cabooses; 3 snow plows; 1 sweeper. ★20†

ST. THOMAS. 17,000 (1916).

1281—St. Thomas Munic. St. Ry.—Office, City Hall.
Sec. & Treas. Miss Lang....St. Thomas
Audr. H. T. Gough..... "
Gen. Mgr. J. F. Daugherty, Car Barns "
Ch. Engr. M. Ferguson..... "
Ch. Engr. Pwr. Sta. John Roberts..... "
M. M., Lorne Murphy, Car Barns. St. Thomas
Roadmaster, John Bishop... "
City Engr. Warren Miller.... "
Power sta. equip. 2 d. c. C. G. E. tot. 250 kw; 250 hp. e. Robb; 200 hp. b. White; trolley volt. 550 v.
Power sta. and repair shops at St. Thomas.
Reaches Pinafore Park, (owned by city.)
7.5 miles; 4-8½ g; 16 cars. 50

SARNIA. 12,200 (1918).

1282—Sarnia St. Ry. Co. Ltd.—Office, 119 Front St. (Connects Sarnia and Point Edward.)
Pres. Rob't MacKenzie..N. Vidal St., Sarnia
V. Pres. Randall Kenny, 273 N. Vidal St., "
Sec. Treas. & Mgr. Geo. E. Wadland "
Audrs. { James Miller..... "
H. W. Unsworth..... "
M. M., J. R. Henderson...Maxwell St., "
Roadmaster Wm. Pole, 428 Chrestina St., So. "
Power sta. equip. 2 d. c. Swedish E. & West tot. 800 kw; 1 rot. conv; 1 mo-gen. set; trolley volt. 500-600 v.

Power sta. at Water St.
Repair shops at Front St.
Reaches Lake Huron Park (owned).
9.25 miles; 4-8½ g; 10 motor pass. cars and 1 baggage car. ★50

SAULT STE. MARIE
15,000 (1916).
(See also No. 501.)

1283—The International Transit Co. Office, 527 Queen St., Sault Ste. Marie Ont. (Connects Sault Ste. Marie and Steelton; operates a ferry between Soo, Ont., and Soo, Mich.) (Controlled by Great Lakes Pwr. Co. Ltd.)
Pres. J. O. Heyworth, Harvester Bldg., Chicago, Ill.
V. Prests. Martin J. Insull, 72 W. Adams St., " ; John A. McPhail, Sault Ste. Marie
Sec. & Treas. Oliver E. McCormick... "
Audr. & Pur. Agt. J. M. McNeil..... "
Gen. Mgr. A. E. Pickering "
Supt. J. Summerheyes..... "
Energy purchased from Great Lakes Pwr. Co. Ltd.; trolley volt. 550 v.
Repair shops at Sault Ste. Marie.
4.32 miles; 4-8½ g; 9 motor and 4 other cars. ★50

SUDBURY. 8,000.

1284—Sudbury, Copper Cliff Suburban Elec. Ry.—Office, Car barn, Sudbury Range Hotel Bldg. (Connects Sudbury and Copper Cliff.)
Pres. J. J. MacKey..... Sudbury
V. Pres. L. Laforest..... "
Sec. & Treas. C. Bibby..... "
Audr. J. W. Ross..... "
Gen. Supt. W. E. Massie..... "
Roadmaster, B. Legasse..... "
Energy purchased from Wahnapitae Pwr. Co., Ltd., 1 d. c. C. G. E. 300 kw; trans. volt. 2200 v; trolley volt. 550 v.
Repair shops at Notre Dame St., Sudbury.
Reaches Lake Ramsay.
7.9 miles; 4-8½ g; 4 motor cars. 60

TORONTO. 470,140 (1916).
(See also Nos. 1045, and 1280.)

1285—Schomberg & Aurora Ry.—Office, 84 King St. East. (Connects Schomberg, Kettleby and Eversley with the Toronto & York Radial Ry.)
Pres. Sir Wm. Mackenzie..... Toronto
V. Pres. Frederic Nicholls..... "
Sec. & Treas. J. C. Grace..... "
Audr. J. M. Smith..... "
Gen. Mgr. W. H. Moore..... "
Asst. Gen. Mgr. Chas. L. Wilson "
Supt. C. W. Mott..... "
Pur. Agt. Geo. K. Hyde..... "
Traffic Mgr. F. S. Livingston... "
Res. Engr. C. P. Van Norman.. "
Elec. Engr. Wm. B. Boyd..... "
M. M., A. M. Smith..... "
Roadmaster, W. Rose..... "
Engr. Ovhd. Constr.
J. H. Middlebrook..... "
Energy purchased from Toronto & York Radial Ry. Co.; trolley volt. 600 v.
Sub-[illegible] near [illegible] 1 d. c. C. West.
14.4 [illegible] from Toronto [illegible]

1286—
[illegible]
311
on
[illegible]

Traffic Mgr. J. Metcalf..... Toronto
M. M., M. Switzer..... "
Energy purchased from Toronto Hydro-Elec. System.
Repair shops at Danforth & Coxwell Aves., Toronto.
21.63 miles; 4-10⅞ g; 45 motor cars. 50

1287—Toronto Ry. Co.—Office, 92 King St. E., Toronto.
Pres. Sir Wm. Mackenzie, 1 Toronto St., Toronto
V. Pres. Col. Frederic Nicholls, King & Simcoe Sts. "
Sec. & Treas. J. C. Grace..... "
Gen. Mgr. R. J. Fleming..... "
Asst. to Gen. Mgr. F.L. Hubbard "
Clm. Agt. James H. Forrest.... "
Pur. Agt. H. H. Beasley..... "
Ch. Engr. Farley G. Clarke, 12 Adelaide St. "
M. M., W. R. McRae..... "
Track Supt. James G. Smith.... "
Engr. Obhd. Constr. O. V. Anderson, 12 Adelaide St. "
Energy purchased.
Repair shops at Frederick & Front Sts.
139.119 miles; 4-10⅞ g; 808 motor and 164 other cars. 50

1288—Toronto Suburban Ry. Co.—Office, 2896 Dundas St., W. Toronto. (Connects Toronto, Weston, Lambton Mills, Woodbridge, Thistletown and West Toronto; also Lambton Mills, Huttonvale, Norval, Georgetown, Acton and Guelph.)
Pres. D.B. Hanna, 9 Toronto St., Toronto
V. Pres. A. J. Mitchell..... "
Sec. R. P. Ormsby..... "
Treas. A. Forman..... "
Audr. C. E. Friend..... "
Gen. Mgr. Col. Geo. C. Royce.. "
Asst. Mgr. W. J. Radford..... "
Claim & Pur. Agt. Robert Gilbert "
Elec. Engr. S. Roseveare..... "
M. M., J. W. Walker, Lambton Car Barns, Lambton
Roadmaster, Frank Lindsay, 936 Keele St., Toronto
Energy purchased from Toronto—Niagara Power Co.; trans. volt. 13,000-2200 v. a. c.; trolley volt. 600-1500 v.
4 sub-sta; 4 rot. conv.
Repair shops at Lambton.
Reaches Lambton Park (controlled).
64.32 miles; 4-8½ g; 24 motor pass., 4 trail pass., 2 motor freight and 4 motor service cars. (Company does lighting and power business.) ★60

1289—Toronto & York Radial Ry. Co.—Office, 84 King St., East. (Consists of three divisions, Metropolitan, Mimico and Scarboro.) (Connects Toronto, Richmond Hill, Aurora, Newmarket, Jackson's Point, Sutton, Scarboro, West Hill, Mimico and Port Credit.)
Pres. Sir Wm. Mackenzie, 1 Toronto St., Toronto
V. Pres. Frederic Nicholls..... "
Sec. & Treas. J. C. Grace..... "
Compt. J. M. Smith..... "
Gen. Mgr. W. H. Moore..... "
Asst. Mgr. Chas. L. Wilson..... "
Supt. C. W. Mott..... "
Pur. Agt. Geo. K. Hyde..... "
Supt. Ovhd. Const. J. H. Middlebrook..... "
Traffic Mgr. F. S. Livingston... "
Res. Engr. C. P. Van Norman.. "
Elec. Engr. W. B. Boyd..... "
M. M., A. M. Smith..... "
Roadmaster, W. M. Abbott.... "
Energy purchased from Toronto Power [illegible] volt. 12,000 v; trolley volt. [illegible]
[illegible] 9 d. c. C. G. E. West.
[illegible] 9 mo. gen. sets.

Repair shops at 1488 Yonge St., Toronto.
Reaches Bond Lake and Scarboro Heights Park (owned) and Long Branch Park.
82 miles; 4-8½ & 4-10½ g; 52 mo. pass. 8 exp. mo., 3 fgt. and 35 other cars; 1 elec. loco. (Sells energy to Schomberg & Aurora Ry.) 50

WALKERVILLE. 3,302 (est. 1916)
(See No. 1239a)

WELLAND. 5,318 (est. 1916).

1291—Niagara, Welland & Lake Erie Ry. Co.—603 Dominion Bank Bldg., Toronto. (Connects Niagara Falls and Welland.)
Pres. H. C. Schofield.....Toronto
V. Pres. W. W. Near..... "
Sec. & Treas. H. Rooke..... "
Audrs.
Clarkson, Gordon & Dilworth. "
Ch. Engr. Pwr. Sta.
L. L. Farrer.....Welland
Energy purchased from Page-Hersey Iron Tube & Lead Co., trolley volt. 550 v.
Reaches Alexandria Park.
5.5 miles; 4-8½ g; 3 motor cars. 70

WELLAND PORT. 253 (1916).

1292—Dunnville, Welland Port & Beamsville Elec. Ry.—Office, Welland Port. (Will connect Dunnville, Welland Port and Beamsville.) (Negotiations are pending whereby the road may be completed by the Hydro-Elec. Power Commission of Ont. and operated in connection with other hydro-radial lines.)
Pres. James A. Ross.....Welland Port
Sec. M. R. Campbell..... "
Ch. Engr. Edmund Wragge
Traders Bank Bldg., Toronto
23 miles. (Under construction.) 60

WINDSOR. 32,000 (1919).

(See also No. 1267)

1293—Hydro-Electric Power Commission of Ontario (Apr. 1, 1920 took over property of Sandwich, Windsor & Amherstburg Ry.)—Office, 14 Sandwich St. (Operates under lease The Windsor & Tecumseh Elec. Ry.) (Controlled by the Detroit United Ry., Detroit, Mich.) (Connects Tecumseh, Ford, Walkerville, Windsor, Sandwich, Ojibway and Amherstburg.)
Supt. A. McGill.....Windsor
Asst. Supt. H. Brooker..... "
M. M., A. Pay..... "
Power sta. equip. 1 d. c. Allis-C. 400 kw; 3 a. c. C. G. E. Swedish tot. 1675kva. 2300 v. 3 ph. 60 cys; 2000 hp. e. G. & McC; 650 kva. stm. turb. G. & McC; 1000 hp. b. G. & McC, Robb; trans. volt. 1100 v. a. c; trolley volt. 500 v. d. c.
Power sta. and repair shops at London St., Windsor.
45,237 miles; 4-8½ g; 56 motor pass., 6 other motor, 4 trail pass. and 13 other cars. (Company furnishes energy for lighting.) ★40

1293a—The Windsor & Tecumseh Electric Ry. Co.—(Connects Windsor, Walkerville, Ford and Tecumseh.) (Leased to the Sandwich, Windsor & Amherstburg Ry.)
Pres. F. W. Brooks.....Detroit, Mich.
V. Pres. & Pur. Agt.
James Anderson.....Windsor
Sec. A. E. Peters.....Detroit
Treas. Jos. Bampton..... "
Audr. Irwin Fullerton..... "
Gen. Mgr. Sidney S. Anderson..Windsor
Supt. F. E. Hayes..... "
Ch. Engr. Pwr. Sta. N. Maitland "
M. M., H. F. Ferguson..... "
Roadmaster James Lynch.....Windsor
Engr. Ovhd. Constr.
Edw. Jennings..... "
Power sta. and repair shops at Windsor.
Mileage and cars included in lessee Co.'s report. 119

WOODSTOCK. 9,320 (1916).

1294—Woodstock, Thames Valley & Ingersoll Elec. Ry. Co.—Office, 365 Dundas St., Woodstock. (Connects Woodstock, Beachville and Ingersoll.)
Trustee Judge Wallace.....Woodstock
Treas. Effie Peacock..... "
Audr. J. M. Brophy..... "
Supt. & Pur. Agt. Ira Warfield "
Ch. Engr. Pwr. Sta.
Milton Long.....Beachville
Energy purchased from Hydro-Elec. Pwr. Commission of Ont.; trans. volt. 13,200 v.; trolley volt. 600 v.
Sub-sta., 2 rot. conv. tot. cap. 350 kw. 25 cys.
Repair shops 1 mile west of Woodstock.
Reaches, owns and operates Fairmount Park.
12 miles; 4-8½ g; 7 mo. pass. cars. 119

QUEBEC

AYLNER. 3,109 (1911).
(See No. 1295.)

HULL. 33,000 (1919).

1295—Hull Elec. Co.—Office, 117 Main St. (Connects Ottawa, Hull and Aylmer.)
Pres. A. D. MacTier.....Montreal
V. Pres. & Gen. Mgr. G. Gordon Gale, Hull
Sec. & Treas. H. C. Oswald....Montreal
Supt. Lt. & Pwr. A. V. Gale.....Hull
Supt. Transp. A. E. Meech..... "
Engr. Pwr. Sta. N. E. Beaudry, Deschenes
Roadmaster, H. F. McKenney "
M. M., George Stonehouse... "
Power sta. equip. 2 d. c. C. G. E. tot. 700 kw; 4 a. c. C. G. E. tot. 1900 kw; 11,000-2200-550-110 v. 3 ph. 60 cys; 3 motor gen. sets tot. 750 kw. 2200-600 v. d. c; 4015 hp. turb. (wtr.) Trump, Am; trans. volt. 10,000 v; trolley volt. 600 v. Energy also purchased from Ottawa & Hull Pwr. & Mfg. Co., Ltd.
Power sta. and repair shops at Deschenes; sub-stas. at Hull and Aylmer.
Reaches Queen's Park (owned).
32.88 miles; 4-8½ g; 34 motor, 9 trailers and 10 other cars. (Company furnishes lighting.) 119

LEVIS. 7,452 (1916).

1296—The Levis County Ry.—Office, 127 Commercial St., Levis. (Extends from Lauzon, St. Joseph, Bienville, Levis, St. Romuald, New Liverpool to Quebec Bridge.)
Pres. S. H. Ewing
142 Notre Dame St., West, Montreal
V. Pres. J. C. Blouin.....Levis
Sec. & Treas. E. A. Macnutt
142 Notre Dame St., West, Montreal
Audrs. P. S. Ross & Sons
142 Notre Dame St., West, Montreal
Gen. Mgr. & Pur. Agt.
H. E. Weyman.....Levis
Supt. & Engr. M. of W.
A. Chandonnet..... "
Claim & Gen. Fgt. & Pass. Agt.
H. S. C. Moffatt..... "
M. M., D. Chenard..... "
Energy purchased from Can. Elec. Lt. Co.; trans. volt. 11,000 v. 3 ph; trolley volt. 550 v.
Repair shops at Fraser St., Levis.
11.5 miles; 4-8½ g; 22 motor pass., 5 other motor and 3 other cars. ★50

MONTREAL. 600,000 (1916).

(See also Nos. 499, 690, 1304, 1305, 1327 and 1334.)

1297—Canadian National Railways—Executive office, Toronto, Ont.; General Manager's office for Eastern Lines, Montreal. (Includes The Canadian Northern Ry. Co. of which the Montreal Tunnel terminals are operated electrically.) (Extends from Montreal through tunnel to Lasard (near Cartierville), a distance of 7.3 miles.)

Pres. D. B. Hanna.....Toronto, Ont.
Assts. to Pres. { R. C. Vaughan.. " "
A. J. Hills..... " "
V.Prests. { Accounting, A. J. Mitchell..... "
Oper. & Maint. M. H. MacLeod.. "
Traffic, C. A. Hayes..... "
Asst. V. Pres. S. J. Hungerford " "
Sec. R. P. Ormsby..... " "
Treas. H. G. Foreman..... " "
Compt. C. E. Friend..... " "
Pur. Agt. E. Langham..... " "
Eastern Lines { Gen. Mgr. F. P. Brady, Montreal
Asst. Gen. Mgr. W. A. Kingsland "
Ch. Engr. A. F. Stewart Toronto, Ont.
Elec. Engr. E. B. Walker.. " "
Signal Engr. W. M. Punter " "
Supt. Montreal Div. J. J. Sunderland.....Montreal
Elec. Supt. C. P. Price..... "

Energy purchased from the Montreal Lt., Ht. & Pwr. Co., trans. volt. 11,000 v.; trolley volt. 2400 v. d. c.

1 sub.-sta. cap. 3000 kw; 2 mo. gen. sets.

Repair shops at Lasard.

14 miles; 4-8½ g; 8 motor cars; 6 elec. locos. ★70

1298—Montreal & Southern Counties Ry. Co.—Office, 507 Shaughnessy Bldg., Montreal. (Connects Montreal, St. Lambert, Longueuil, Chambly, Richelieu, Marieville, Rougemont, St. Cesaire, Abbottsford and Granby.)

Pres. Howard G. Kelley.....Montreal
V.Prests. { J. E. Dalrymple.... "
Treas. Frank Scott.. "
W. D. Robb..... "
Sec. James A. Yates..... "
Compt. J. M. Rosevear..... "
Accountant J. P. Hudson..... "
Gen. Mgr. W. B. Powell..... "
Supt. W. O. Le Ber.....St. Lambert
Claim Agt. T. W. R. McRae...Montreal
Pur. Agt. Geo. W. Caye..... "
Roadmaster, A.E.Patterson, St.Lambert

Power sta. equip. 6 d. c. West. G. E. tot. 2600 kw; 6 a. c. West. G. E. tot. 2600 kw., 2300 v. 3 ph. 60 cys; trans. volt. 25,000 v; trolley volt. 600 v; energy also purchased from Montreal Lt., Ht. & Pwr. Co.

Sub. stas. at St. Lambert (3 rot. conv. C. West. tot. 1500 kw.); Chambly (1 mo.-gen. set C. West. 400 kw.): Rougemont (1 mo.-gen. set C. G. E. 300 kw.) and Granby.

Repair shops at St. Lambert and Granby.

Reaches Pine Grove, Chambly Canton, Que.

56.5 miles; 4-8½ g; 37 motor pass. and 11 other cars. ★50

1299—Montreal Tramways Co.—Office, 78 W. Craig St. (Controlled by the Montreal Tramways & Pwr. Co.)

Pres. E. A. Robert.....Montreal
V.Prests. { J. W. McConnell.... "
Hon. Geo. G. Foster. "
Sec.-Treas. Patrick Dubee..... "
Audr. J. G. Robson..... "
Gen. Mgr. J. E. Hutcheson.... "
Compt. H. E. Smith..... "
Supt. A. Gaboury..... "
Supt. Const. & Ch. Engr. W. F. Graves.....Montreal
Claim Agt. A. E. Shaw..... "
Supt. Pwr. Plants, A. S. Byrd.. "
Supt. Rolling Stock, D.E.Blair, Youville
Gen. Fgt. Agt. A. E. Peaple...Montreal
Ch. Engr. Pwr. Sta. J. N. Dick. "

Power sta. equip. 58 d. c. C. G. E. West, Allis-C. Bull, C-W. tot. 45,500 kw; 2 a. c. G. E. S. G. E. tot. 14,500 kw. 2200 & 13,200 v. 3 ph. 60 cys; 18,000 hp. e. Laurie, Penn, McI. & S; 22,400 hp. b. Bab. & W, Adamson, McDougall, Caledonia; 14,500 kw. stm. turb. G. E, Belliss & Morcom; trolley volt. 575 v.

Power stas. at William St., Hochelaga, Pointe aux Trembles, St. Henry, St. Denis, Youville, Shawinigan, Cote des Neiges and Cote St. Paul; repair shops at Youville.

270 miles; 4-8½ g; 1246 motor pass., 50 trail pass., 83 other motor and 85 other cars; 3 elec. locos. ★30†

1300—Montreal Tramways & Pwr. Co.—Office, 78 W. Craig St., Montreal. (Controls Montreal Tramways Co., Canadian Lt. & Pwr. Co. and various other light and power companies.)

Pres. E. A. Robert.....Montreal
V. Pres. J. W. McConnell..... "
Sec.-Treas. Patrick Dubee..... "
119

1301—Shawinigan Falls Terminal Ry.—Office, 611 Power Bldg., Montreal. (A local line connecting Shawinigan Falls with St. Maurice Valley Ry. and Canadian National Ry. (stm. road), used for switching only.) (Controlled by The Shawinigan Wtr. & Pwr. Co.)

Pres. Julian C. Smith.....Montreal
V. Pres. W. S. Hart..... "
Sec. H. G. Budden..... "
Treas. James Wilson..... "
Audrs. Sharpe, Milne & Co.... "
Supt. B. G. Wood..Shawinigan Falls
Pur. Agt. C. P. Walsh.....Montreal

Energy from The Shawinigan Wtr. & Pwr. Co; trans. volt. 6600 v. s. ph; trolley volt, 650 v.

1 sub-sta. cap. 1000 kw; 1 rot. conv. 6 ph.

Repair shops at Shawinigan Falls.

1.998 miles owned (.464 mi. 1st m. t., 1.534 mi. sid.); also 8.884 miles trackage rights. Total miles operated 4.141; 4-8½ g; 2 elec. locos. ★60

QUEBEC. 104,000 (1913).

1302—Quebec Railway, Light & Power Co.—Gen. office, Cor. Crown & St. Joseph Sts. (Owns Quebec St. Ry. Co; operates in Quebec and a suburban line (30 miles, steam and electric) from Quebec to St. Annes and Cap Tourmente.) (Controlled by The Quebec Ry., Lt., Ht. & Pwr. Co.)

Pres. Lorne C. Webster, Bd. of Trade Bldg., Montreal
V. Pres. L. I. Tarte, La Patrie, "
Sec. Arthur Le Moine.....Quebec
Treas. Robert A. Wilson..... "
Audrs. P. S. Ross & Co.....Montreal
Gen. Mgr. W. J. Lynch.....Quebec
Supt. City Div. R. M. Reade.... "
Supt. Montmorency Div. & Gen. Fgt. & Pass. Agt. J. A. Everell. "
Pur. Agt. S. S. Oliver..... "
Ch. Engr. & Engr. M. of W. C. J. Pigot..... "
Elec. Engr. L. Burran..... "
M. M., Peter Quinn..... "

Power sta. equip. 6 d. c. C. G. E. West, C. W. tot. 4500 kw; 5 a. c. Stns, A. C. B. tot. 3900 kw. 5500 v. 2 ph. 60 cys; 7225 hp. turb. (wtr.) S.-B, Allis-C; trans. volt. 24,000 v; trolley volt. 550 v. Energy also purchased from The Laurentain Pwr. Co.

Power stas. at Montmorency Falls and Queen St., Quebec; sub-stas. at St. Anne de Beaupre.
Repair shops at Quebec.
Reaches Kent House Park, Montmorency Falls (owned.)
74 miles (19.91 city track); 4-8½ g; 150 motor and 220 other cars. (Company does general lighting and power business.) 50

1303—The Quebec Railway, Light, Heat & Power Co.—(Owns and operates Quebec Railway, Light & Power Co., the Quebec Gas Co., the Frontenac Gas Co., the Quebec Jacques Cartier Co., and the Canadian Elec Lt. Co.)
Pres. Lorne C. Webster
Bd. of Trade Bldg., Montreal
V.Pres. Senator D. O. L'Espérence
Harbor Comr., Quebec
Sec. Arthur LeMoine..... "
Treas. Robert A. Wilson..... "
Gen. Mgr. W. J. Lynch..... "
Audrs. P. S. Ross & Co.....Montreal
50

SHERBROOKE. 22,000 (1916).

1304—Sherbrooke Ry. & Pwr. Co.—Opr. Office, Clement Theatre Bldg., Sherbrooke. (Connects Sherbrooke & Lennoxville.) (Owned by Southern Canada Pwr. Co., Ltd., Montreal.)
Pres. W. C. Hawkins
330 Coristine Bldg., Montreal
Sec. Treas. & Pur. Agt.
Lewis Clark Haskell..... "
Comptr. Chas. Johnstone.... "
Gen. Mgr. J. B. Woodyatt... "
Supts. Ry. F. X. Couture...Sherbrooke
Transp. Peter Miles.. "
Pwr. F. A. Chisholm. "
Car Barns T. Quine.. "
Power sta. equip. 2 d. c. C. G. E. tot. 400 kw; 3 a. c. C. G. E. tot. 3000 kw. 2200 v. 3 ph. 60 cys; 4000 Jenckes turb. (wtr.); trans. volt. 25,000; trolley volt. 600 v.
Power sta. (hydro-elec.) at Sherbrooke, Magog River.
Repair shops on Lennoxville road.
11.5 miles; 4-8½ g; 18 motor cars; 1 snow plow. (Company does general lighting and power business.) 50

THREE RIVERS. 18,000 (1916).

1305—Three Rivers Trac. Co.—Office, 611 Power Bldg., Montreal. (Operates in Three Rivers and extends to Cap de la Madeleine.) (A subsidiary of The Shawinigan Wtr. & Pwr. Co.)
Pres. Thos. McDougal.....Montreal
V. Pres. Julian C. Smith..... "
Mng. Dir. W. S. Hart..... "
Sec. & Treas. James Wilson.. "
Audrs. Sharpe, Milne & Co... "
Gen. Mgr. & Pur. Agt.
R. J. Beaumont..... "
Supt. J. H. McNeill.....Three Rivers
Energy purchased from North Shore Pwr. Co; trolley volt. 550 v.
1 sub-sta. cap. 500 kw; 2 mo.-gen.
Repair shops at St. Maurice St., Three Rivers.
7.05 miles; 4-8½ g; 18 motor pass. and 2 motor service cars. ★50

SASKATCHEWAN.

MOOSE JAW. 16,889 (1916).

1306 — The Moose Jaw Elec. Ry. Co., Ltd.—Gen. office, High St., Moose Jaw.
Pres. A. A. Dion,
35 Sparks St., Ottawa, Ont.
V. Pres. Robert Gill..... " "
Sec. & Treas. D. O'Connor " "
Mgr. A. H. Dion.....Moose Jaw
Asst. Mgr. R. W. Moore.... "
Power sta. equip. 3 d. c. tot. 900 kw. 500-600 v; 900 hp. e. Diesel (oil).
Power sta. and repair shops at cor. 4th Ave. & High St.
Reaches Amusement Park, about 1 mile southwest of city.
14 miles; 4-8½ g; 20 cars. 128

REGINA. 30,213 (1916).

1307—Regina Municipal Ry.
Mayor, James Grassick.....Regina
Comr. L. A. Thornton..... "
Treas. J. E. Snowball..... "
Audrs. Gladwell, Wilson & Co.... "
Supt. D. W. Houston..... "
Claim Agt. G. F. Blair..... "
Pur. Agts., City Comrs..... "
Supt. Pwr. Sta. E. W. Bull..... "
M. M. John Baxter..... "
Power sta. equip. 2 d. c. Seimens tot. 800 kw. 600 v; 4 a. c. West. Siemens tot. 380; kw. 2200 v. 3 ph. 60 cys; 6 rect. West. tot. 300 kw; 1030 hp. e. Inglis, G. & McC; 5000 hp. b. Bab. & W; 3500 kw. stm. turb. West; 1 rot. conv.
Power sta. at Broad St.; car barns a Albert St.
Reaches Exhibition Grounds (owned by City).
35 miles; 4-8½ g; 37 motor and 30 other cars. (City furnishes energy for lighting and power.) ★60

SASKATOON. 28,000 (est. 1916).

1308 — Saskatoon Munic. Ry.—Office, Ave. C & 25th St. (Connects with Sutherland.)
Sec. E. G. Holtby. Car Barn, Saskatoon
City Treas. J. C. Oliver..... "
City Audr. V. J. Ferguson... "
Supt. & City Engineer
G. D. Archibald, City Hall, "
Asst. Supt. H. Swail, Car Barn "
M. M. & Eng. Ovhd. Constr.
D. M. Murray..... "
Energy from City Lighting Plant; 3 synchronous mo. gen. sets tot. 600 kw. with 550 v. West. gen; trolley volt. 600 v.
Car barns at Ave. C. & 25th St.
Reaches Exhibition Park (owned by City).
16.5 miles; 4-8½ g; 24 motor pass., 2 trail pass. and 1 motor service car. ★50

NEWFOUNDLAND.

(Letter postage rate same as United States.)

ST. JOHNS. 35,000 (1917).

1309—St. Johns St. Ry. Co.—Office, Water St. (Owned by Reid Newfoundland Co.)
Pres. & Gen. Mgr. H. D. Reid..St. Johns
V. Pres. R. G. Reid..... "
Sec. Treas. & Supt. F. J. Hunter. Montreal
Audr. H. McNeil.....St. Johns
Gen. Supt. J. P. Powell..... "
Pur. Agt. H. C. Crawford..... "
Elec. Engr. J. W. Morris..... "
Ch. Engr. Pwr. Sta.
J. H. Halley.....Petty Harbor
Roadmaster, W. F. Joyce.....St. Johns
Power sta. equip. 4 a. c. West. tot. 3300 kva. 3 ph. 60 cys; 4000 hp. turb. (wtr.) Voith, Hendenheim; trans. volt. 15,000 v; trolley volt. 500 v.
Power sta. (hydro-electric) at Petty Harbor, 9 miles from St. Johns.
Repair shops at St. Johns.
7 miles (electric); 3-6 g; 7 motor and 3 other cars. (Company does general lighting and power business. 59

HAWAII.

(See under United States, p

MEXICO (Rep.)

(Postage rates to Mexico same as United States.)

AGUASCALIENTES

AGUASCALIENTES. 51,000.

1310 — Compania Productora y Abastecedora de Potencia Electrica S. A.—(Has taken over the plant of Cia. de Electricidad y Tranvias de Aguascalientes.) Address, Apartado 1081, Mexico, D. F.
Gen. Mgr. Carlos Sagredo. Apartado 1081, ... Mexico, D. F.
Sec. Manuel Medrano.... " "
Supt. Otto Teichert..... " "
Power sta. equip. 2 d. c. Ide, West. tot. 240 kw. 550 v; 3 a. c. A. E. G., West. tot. 625 kw. 3000 v. 3 ph. 60 cys; 800 hp. e. (oil) German Busch-Diesel; 120 hp. e. (stm.); 200 hp. e. (gas) Koerting; 400 hp. gas pro. Koerting; 200 hp. b; 2600 amp. hr. stor. bat. Hagen 550 v; trans. volt. 3000 v; trolley volt. 550 v.
11.16 miles; 4-8½ g; 11 motor and 8 other cars. (Company does general lighting and power business.) 70

CHIHUAHUA

CITY OF CHIHUAHUA. 39,061.

1311—Compania Electrica y de Ferrocarriles de Chihuahua, S. A.—Office, Calle Victoria 101, Chihuahua. (Consolidation of Compania de Tranvias de Chihuahua and the Ferrocarril Mineral de Chihuahua (steam).
Gen. Mgr. Juan F. Treviño.. Chihuahua
Audr. Alberto Heredia..... "
Supt. Ing. Enrique Cortazar. "
Ch. Engr. Pwr. Sta.
Federico Rodrigues..... "
Elecl. Engr. G. Salcido..... "
Roadmaster, A. Martinez.... "
Power sta. equip. 3 a. c. G. E. Allis C. tot. 1400 kw. 2300 v. 2 ph. 60 cys; 1500 hp. e. Industrial; 1000 hp. b. Heine; 500 kw. (stm.) turb. Allis C; trans. volt. 2300 v; trolley volt. 550 v.
Power sta. and repair shops at Chihuahua.
Reaches four parks.
10.56 miles elec., 14.28 miles steam 4-8½ g; 18 motor and 16 other cars. (Company does lighting and power business.) 60

JUAREZ. 8,218 (1907).
(See No. 1133.)

COAHUILA

TORREON. 13,845.
(See No. 1313.)

COLIMA

COLIMA. 25,148.

1312—Ferrocarril Urbano De Colima.—Gen. office, Colima. (Connects Villa de Alvarez with Colima.)
Pres. & Gen. Mgr.
D. G. C. MacNeill..... Colima
Repair shops at Colima.
5.5 miles; 4-8½ g; 36 cars (horse and elec.) 129

GOMEZ PALACIO. 10,000.

1313—Ferrocarril Electrico de Lerdo a Torreon, S. A.—Address, Calle de Muzguiz, Torreon, Coahuila. (Connects Lerdo, Torreon and Gomez Palacio.)
Pres. Federico Sariñana
3a Capuchinas No. 69, Mexico, D. F.
1st V. Pres.
Mariana Allegre. Ave. Uruguay, No. 94
2nd V. Pres.
Ulpiano Ruiz Lavin,
Ampuero, Santander, España
Sec. Jose Ruiz Lavin,
3a de Capuchinas No. 69, Mexico, D.F.
Treas.
Jose R. Castro,
Ave. Juarez y Calle Zaragoza, Torreon, Coah
Au0. Lic. Everardo Siller,
Ave. Morelos No. 600, Torreon, Coah
Gen. Mgr., Supt., Pur. Agt.
& Cl. Agt., Alfonso Sariñana,
Ave. Morelos No. 600, Torreon, Coah
Ch. Engr. & Elec. Engr.
Enrique Rivera Calatayud,
Ave. Morelos No. 600, Torreon, Coah
Roadmaster, Blas Ceniceros,
Ave. Morelos No. 600, Torreon, Coah
Power sta. equip. 5 d. c. G. E., A. E. G. tot. 875 kw; 5 a. c. G. E., A. E. G. tot. 1850 kw. 2200 v; 3 ph. 60 cys; 2900 hp. e. Cor. Borsi, Korting; 500 hp. b. Bab. & W.; trans. volt. 13,200; trolley volt. 500 v.
1 sub-sta. cap. 110 kw.; 2 mo.-gen. sets G. E.
Power stas. at Torreon and Gomez Palacio.
Repair shops at Gomez Palacio.
13.75 miles (electric); 4-8½ g; 21 motor pass., 21 trail pass., 3 trail freight and 4 motor service cars. (Company furnishes electric lighting in Lordo, Gomez Palacio and Torreon.) ★60

HIDALGO

PACHUCA. 38,620.

1314—Compania de Luz, Fuerza y Ferrocarriles de Pachuca.—Address, Deposito de Tranvias. (Connects Pachuca, Real de Monte, Mines of San Rafael, Santa Gertrudias and La Blanca.)
Pres. Joaquin D. Casasus... Mexico City
Treas. Jacinto Pimentel.... " "
Gen. Mgr. T. Brandenburg. " "
Supt.& Pur. Agt. Aaron Garcia. Pachuca
Ch. Engr. Geo. Schroder..... "
M. M. Francisco Chevannier... "
Roadmaster, Catarino Miranda "
Energy purchased from Mexican I.t. & Pwr. Co.; trans. volt. 6000 v; trolley volt. 1000 v. (outside of the city); 500 v. (in the city).
Repair shops at Pachuca.
21 miles (electric); 3-8 g; 5 motor and 60 other cars; 5 locos. 63

JALISCO

GUADALAJARA. 118,799

1315 — Compania Hidroeléctrica é Irrigadora del Chapala, S. A.—Address, P. O. Box 260, Guadelajara (operates railway in Guadalajara).
Gen.Mgr.Eugene Pinson.... Guadalajara
Sec. & Asst. Mgr.
A. Bauche Alcalde..... "
Ch. Engr. Ltg. Dept.
Ing. Chas. J. Barrow.... "
Pur. Agt. J. M. Gutierres.. "
Engr. Repair Shop
J. F. Journee..... "

Power stas. (hydro-electric) at Las Juntas, Juanacatlan and Puente Grande; tot. cap. 20,000 hp; trans. volt. 70,000 and 10,000 v. 3 ph.
Repair shops at Guadalajara.
Reaches El Paradon Park.
60 miles; 4-8½ g; 110 cars. (Company furnishes energy for lighting in principal towns and mining districts in state of Jalisco.) 119

MEXICO

MEXICO CITY. 1,000,000 (1919)

1316—Compania de Tranvias de Mexico, S. A. (Mexico Tramways Co., Ltd.)—Executive office, 603 Dominion Bank Bldg., Toronto, Ont., Canada Local address, P. O. Box 124 Bis. Federal District, Mexico. (Owns and operates under lease Cia. Ferrocarriles del Distrito, Federal de Mexico and Mexico Electric Tramways Ltd. Reaches every important suburban town in the Federal District; pop. 1,200,000.) (Controls Mexican Lt. & Pwr. Co.)
Pres. R. C. Brown..Toronto, Ont., Can.
V. Prests. Miller Lash " "
H. Malcolm Hubbard, 3 London Wall, London, England
Sec. R. H. Merry 603 Dominion Bk. Bldg., Toronto, Ont., Canada
Local Sec.
P. Mendez y Mendez....Mexico City
Treas. M. G. Fulton..... " "
Mng. Dir. G. R. G. Conway " "
Gen. Mgr. F. W. Teele..... " "
Pur. Agt. A. G. Calderon.. " "
Technical Engr. A. E. Reynolds " "
Elec. Engr. W. H. Fraser... " "
Civil Engr. F. S. Easton.... " "
Traffic Supt. W. H. Bellamy " "
Energy from Mexican Lt. & Pwr. Co.; trolley volt. 600 v.
6 sub-stas. tot. cap. 11,000 kw; (12 mo. gen.); 2 portable substas. tot. 850 kw.
Repair shops at Indianilla.
204 miles elec., 4-8½ g; 9.5 miles mule; 3 g; 355 elec. 8 mule, 139 freight and 84 funeral cars. (Interurban roads to Toluca (42 miles) and to Puebla (110 miles) under construction. ★50

1316a—Compania Productora y Abastecedora de Potencia Electrica, S. A.—Address, Apartado 1081, Mexico City. (Has taken over the plant of Cia de Electricidad y Tranvias de Aguascalientes, Aguascalientes (No. 1310), which see for officers and equipment). 70

TOLUCA. 31,247.

1317—Tranvias de Toluca.—Address, Apartado 25. (City line only.)
Pres. Eduardo Henkel.....Toluca
Sec. & Treas. Alberto Henkel.... "
Audr. E. Alcantara..... "
Gen. Mgr. L. Gouzalz..... "
Pur. Agts. Henkel Bros..... "
M. M., M. Pineda..... "
Roadmaster F. Hardy..... "
Repair shops at Santa Clara, Toluca.
Reacges park at Colon Road.
8.2 miles, 3-6 g; 43 cars. (Company does general lighting and power business through Cia de Luz Electrica de Toluca.) 119

NUEVO LEON

MONTERREY. 80,000.

318—Compania de Tranvias, Luz y Fuerza Motriz de Monterey. (Monterey Ry., Lt. & Pwr. Co.)
Address Apartado No. 58, Office, Calle de Dr. Mier 73, Monterey, N. L., Mexico. (Operates all the street railway lines in Monterey. Connects Monterey and Topo Chico, Hot Springs.)
Pres. Sir Wm. Mackenzie 43 Victoria St., Toronto, Can.
V. Pres.
Sir Donald Mann..... " "
Sec. H. S. Gausby..... " "
Compt. R. G. O. Thompson " "
Gen. Mgr. & Off. Rep.
E. F. Seixas.....Monterey
Asst. to Gen. Mgr.
E. G. St. Hill..... "
Mgr. Ry. Dept. D. S. Morcom "
Mgr. Lt. & Pwr. Dept..... "
E. Dysterud..... "
Ch. Engr. Pwr. Sta.
C. D. Baxter..... "
M. M. Canuto Fuente..... "
Roadmaster Domingo Garcia.. "
Power sta. equip. 5 a. c. G. E. tot. 3125 kva. 4000 v. 3 ph. 60 cys; 3 mo.-gen., sets G. E., West. tot. 1000 kw; 2000 hp. b. Bab. & W, Atlas; trans. volt. 4000 v; trolley volt, 550 v.
Power sta. at cor. Allende y Guerrero Sts.
Repair shops at cor. Alameda y Reforma Sts.
Reaches Topo Chico, Hot Springs (owned).
25 miles elec.; 4-8½ g; 27 motor pass., 4 trail pass. and 2 exp. motor cars (Company does lighting and power business.) ★60

PUEBLA

PUEBLA. 101,214.

1320—Compania de Tranvias, Luz y Fuerza de Puebla, S. A. (Puebla Tramway, Lt. & Pwr. Co., Ltd.)—General office, 3a Calle de Balderas No. 24—P. O. Box 515, Mexico City; local address, P. O. Box 41, Puebla. (Consolidation of Ferrocarril Urbano de Puebla, the Ferrocarril Industrial de Puebla, the Cia Anonima de Alumbrado Electrico de Puebla and the Cia de Luz y Fuerza El Portezuelo.)
Pres. Sir Clarendon G. Hyde 47 Parliament St., London, England
Sec. F. J. LeMaestre.....Jersey, C. I.
Mng. Dir. A. E. Worswick P. O. Box 515, Mexico City
Gen. Mgr. F. J. Miller.....Puebla
Asst. Gen. Mgr.
John West Thompson..... "
Power sta. equip. 14 a. c. A.E.G.,G.E. West. tot. 20,790 kw. 10,000-4000-2200 v. 3 ph. 60 cys; 23,000 hp. turb.(wtr.) Voith Escher, Wyss; 5000 hp. wtr. wh. Pelton; trans. volt. 100,000-42,000-33,000 v.
Power stas. at Portezuelo, San Augustin and Tuxpango.
46 miles; 4-8½ g; 26 pass. and 13 fgt. mule cars; 12 pass. and 5 fgt. gas motor cars. (Company does general lighting and power business.) 129

SAN LUIS POTOSI

CATORCE. 9,547.

1321 — Compania del Ferrocarril Ogarrio. — (Connects Catorce with Potrero, where it connects with National Railroad of Mexico.)
Pres. Joaquin de la Maza Apartado 223, San Luis Potosi
Sec. & Treas.
Rafael Gustavo Lopez Apartado 348
Supt.
Antonio Lomeli, Apartado 9, Catorce
Power sta. equip. 3 d. c.C.G.E.tot. 300 kw; 1 a.c.C.G.E.35 kw.s.ph.60 cys; 160 hp.e.(gas & stm.) Dietz,Otto,Mcl. & B; bique & Aguila Sts.

200 hp. b. Union Iron Wks; trolley volt. 500 v.
Power sta. and repair shops at Santa Ana.
14 miles elec.; 3-6 g; 34 cars. 69

SINALOA

MAZATLAN. 22,000.

1322 — Empresa del Ferrocarril Urbano y Vecinal.—P. O. Box 29, (Controls Linea del Muelle, Linea del Puerto Viejo (1.5 miles under construction) and Ferrocarril Vecinal.) (Connects So. Pacific R. R. Sta., 1½ miles, and cemetery, 3 miles.)
Prop., Mgr. & Pur. Agt.
Arthur de Cima.....Masatlan
Sec. Daniel C. Urrea..... "
Supt. Robert de Cima..... "
Repair shops at Masatlan car barns.
Owns park at Loma Atravesada.
4.5 miles (mule and steam); 3-6 g; 8 cars. (Operation temporarily suspended.) ★10

TAMAULIPAS

NUEVO LAREDO. 7,000 (1918).

1323—Compania de Tranvias de Nuevo Laredo, S. A.
Pres. & Gen. Mgr.
Juan F. de la Garza...Nuevo Laredo
V. Pres. Canuto Barreda. " "
Sec.,Treas.,Supt.& Pur.Agt.
Luis Varela..... " "
Energy purchased from Laredo (Tex.) Elec. & Ry. Co.
3.5 miles; 4 g; 4 pass. cars and 1 fgt. car. 122

TAMPICO. 16,313 (1907).

1324—Compania Electrica de Luz, Fuerza y Traccion de Tampico, S. A. (Tampico Elec. Lt., Pwr. & Trac. Co., Ltd.)—General office, 3a Calle Balderas, Mexico City; local address, Apartado 124, Tampico. (Operates in Tampico and connects Dona Cecilia and Miramar.)
Chairman, Sir Clarendon G. Hyde,
47 Parliament St., London, Eng.
Sec. & Treas.
J. H. McDonald..... " "
Mng. Dir. A. E. Worswick
P. O. Box 515, Mexico City
Gen. Mgr. Harvey S. Leach,
Apartado 124, Tampico
Pwr. sta. equip. 3 a. c. turbo-gen. A.E. G. Berlin tot. 6000 kw.2300 v.3 ph.60cys; 6 boilers Bab. & W; 1-3000 kw. Westg. turbo.-gen; 2-500 kw.mo.-gen.sets;trans. volt. 10,000-2300 v; trolley volt. 550 v.
Power sta. and repair shops at Tampico.
12.75 miles; 1.44 meters g. (4-8½); 14 motor and 7 other cars. (Company does a lighting business.) 29

VERA CRUZ

VERA CRUZ. 29,164.

1325—Vera Cruz Elec. Lt., Pwr. & Trac. Ltd.—General office, 3a Calle Balderas, No. 24, Mexico City.
Chmn. Vincent York,
47 Parliament St., London, Eng.
Secy. J. H. McDonald.... " "
Mng. Dir. A. E. Worswick
P. O. Box 515, Mexico City
Gen. Mgr. F. J. Miller.....Vera Cruz
Power sta. equip. 6 a. c. Siemens Bros; tot. 2100 kw. 2200 v. 3 ph. 60 cys; 3500 hp. oil eng. Diesel; 3 mo. gen. sets tot. 550 kw; trolley volt. 600 v; trans. volt. 2300 v. Held as a standby sta. Energy purchased from Puebla Tramway Lt. & Pwr. Co.
Repair shops at Vera Cruz.
Reaches a bathing resort.
13 miles; 4-8½ g; 18 motor and 15 other cars. (Company does general lighting & power business.) 29

PHILIPPINE ISLANDS.

(See under the United States, page 164.)

WEST INDIES.

(Postage rates to Cuba and Porto Rico same as United States; domestic rate applies also to letters, but not to other articles, addressed to Newfoundland and Barbados; to all other Islands, foreign rate.)

BARBADOS (Br.)

(176,000)

BRIDGETOWN. 35,000.

1326—Bridgetown Tramway Co., Ltd. (Controlled by Wm. B. McKinley, and associates, Champaign, Ill.)
Chm. Local Board of Directors, C. Y. Simpson.....Bridgetown
Gen. Mgr. (Charge of Reconstruction, Electrification & Purchasing), H. E. Chubbuck...Peoria, Ill., U.S.A.
Sec. & Treas. Edw. Woodman, 85 Exchange Pl., Portland, Me., U.S.A.
Asst. Sec. Jas. M. Meade...Bridgetown
Audr. A. H. McKinstry..... "
Mgr. R. A. D. Bynoe..... "
Constr. Engr. W. R. Morrison.. "
Deputy Mgr. I. R. Gall..... "
9 miles (mule line—will be converted into electric tramway); 20 cars. 60

CUBA.

CAMAGUEY. 29,616.

1327—The Camaguey Elec. Co., Ltd. —(La Compañia Electrica de Camaguey.) (Formerly The Camaguey Co., Ltd.)—Office, 164 St. James St., Montreal, Que., Can. Operating office, 91 Estrada Palma, Camaguey. (Owns Camaguey Tramway Co., Ltd., and Camaguey Land Co., Ltd.)
Pres. Carl C. Giles.....Camaguey
V. Pres. W. B. Ross, Halifax, N.S., Can.
Sec. V. M. Drury, Montreal, Que., Can.
Audrs. Deloitte, Plender, Griffith & Co., La Lonja, Havana
Mgr. A. E. French.....Camaguey
Accountant, James C. O'Leary "
Pur. Agts. Moody Eng'g Co., 90 West St., New York, N.Y.
Ch. Engr. Jose Berry..55 Libertad, Camaguey
Power sta. equip: 2 d.c. G. E. tot. 300 kw; 3. a. c. G. E., Westg. tot. 800 kw. 1200 v. 2 ph. 60 cys; 675 hp. e. B. & W; 960 hp. b. A. & T; 500 kw. stm. turb. Westg; trans. volt. 1200 v; trolley volt. 550 v.
Pwr. sta. and repair shops at 91 Estrada Palma, Camaguey.
8 miles; 4-8½ g; 18 pass., 1 fgt. and 8 flat cars. (Company does lighting and power business.) 119

CARDENAS. 24,280.

1328—Tranvia Electrico de Cardenas, S. A.—Office, Ave. Independencia y Calle 5, Cardenas. (Operates in Cardenas; will construct a line to Varadero Beach, 13 miles.)
Pres. Martin Dias, Hector y Ayllon, Cardenas
V. Pres. Ernesto Castro Av. 1a y Calle 6 "
Sec. Dr. Frank J. Larrien Av. 2a y Calle 6 "
Ch. Engr. Jorge A. Larrien, Calle 5 y Av. Independencia. "
Treas. & Audr. Paulino Dias... "
Gen. Mgr. Ed. Elgarresta P. O. Box 47 "
Supt. Pedro J. Dilis.....Cardenas
M. M., G. Sabater..... "
Engr. M. of W., Paul Castro, Calle 5 y Av. Independencia. "
Power sta. equip., 2 d. c. Primm. tot. 130 kw. Energy also purchased from Cia de Electricidad de Cardenas, S.A. in emergency.
7 miles; 4-8½ g; 12 storage battery cars. 70

CIENFUEGOS, S. C. 30,100.

1329—Cienfuegos, Palmira & Cruces Elec. Ry. & Pwr. Co. — Executive office, 233 Broadway., New York, N.Y., U.S.A.; gen. office, Santa Elena 69, Cienfuegos, Santa Clara, Cuba (Connects Cienfuegos, Cruces, Caunao, Palmira, Camarones, Cumanavagua and Hormiguero.)
Pres. Jose Marimon.....Habana
V. Presta. { J. Godoy..... "
V. Presta. { G. Cordona..... "
Sec. Julio de la Torre..... "
Treas. M. Casteleiro..... "
Gen. Mgr. Jose Primelles....Cienfuegos
Asst. Mgr. Frank M. Aguirre.. "
Pur. Agt. Juan P. Murray.... "
Ch. Engr. C. C. Vermeule.... "
Elec. Engr. G. H. Palmer..... "
M. M., A. Schomberg..... "
Engr. Ovhd. Constr. W. D. Abbott..... "
Power sta. equip. 3 d. c. C-W., West., tot. 185 kw. 220 hp. oil e. Mietz & Weiss, Dela Vergne; 1000 kw. stm. turb. G. E; 1500 hp. wtr. turb. G.-E; trans. volt. 44,000 v; trolley volt. 2300 v.
2 sub-stas.; 1 mo. gen. set. Siemens.
Pwr. sta. and repair shops at Carretera de Caunao, Cienfuegos.
29 miles; 4-8½ g; 26 pass. and 7 other cars. Storage battery system. (Company does general lighting and power business in Cienfuegos.) (45 miles standard single track under construction.) 29

HAVANA. 297,159.

1330—Havana Elec. Ry., Lt. & Pwr. Co.—Gen. office, Havana, Monte No. 1. (Consolidation by merger of the Havana Elec. Ry. Co. and the Campania de Gas y Electricidad de la Habana.) (Controls all electric lines in Havana and the Insular Ry. Co.) (Operates in Havana and to and in Marianao.)
Pres. & Gen. Mgr. Frank Steinhart.....Havana
1st V. Pres. R. R. Loening 55 Liberty St., New York, N.Y., U.S.A.
2d V. Pres. Emeterio Zorilla....Havana
3d V. Pres. Antonio San Miguel. "
Sec. & Treas. H. Kraemer, 55 Liberty St., New York, N.Y., U.S.A.
Asst. Treas. F. Porro Orfila.....Havana
Audr. Ragelio Oduardo..... "
Asst. Gen. Mgr. & Ch. Engr. C. W. Ricker..... "
Claim Agt. Nestor Tremols..... "
Supt. Traffic, J. E. Fuentes..... "
Pur. Agt. A. McDonald..... "
Elecl. Engr. R. W. Tassie..... "
Mech. Engr. W. E. Gowling..... "
Ch. Engr. Pwr. Sta. R. E. Nelson "
M. M. Francisco Auer..... "
Supt. Ovhd. Constr. B. H. Clay "
Power sta. equip. 3 a. c. West. tot. 37,500 kw. 2200 v. 3 ph. 60 cys; 14,400 hp. b. Bab. & W. 37,500 kw. stm. turb West; trans. volt. 13,200 v; trolley volt 575 v.
6 sub-stas. tot. cap. 11,700 kw; 16 rot. conv. (9-1000 kw; 3-500 kw; 4-300 kw.)
Power sta. at Harbor, between Alam-

Repair shops at 9th & 18th Sts., Vedado.
Reaches Palatino and Playa de Marianao.
93 miles; 4-8½ g; 416 motor and 73 other cars; 9 elec. locos. (Company does lighting and power business.) ★60

1331—Havana Central R. R. Co.—Central Station, Havana. (Connects Havana, Marianao, Punta Brava, Hoyo Colorado, Guanajay, Cotorro, San Jose de las Lajas, Guienes, Providencia Sugar Mill, Regla and Guanabocoa.)
Pres. W. E. Ogilvie, 42 Broadway, New York, N.Y., U.S.A.
V. Pres. Frederick W. Baumann 6 Hanover St., New York, N.Y., "
2d V. Pres. Wm. A. Jones, Jr. 233 Broadway, New York, N.Y., "
Sec. & Treas. H. Bellefeuille 42 Broadway, New York, N.Y., "
Asst. Sec. & Treas. B. A. Gale 42 Broadway, New York, N.Y., "
Audr. T. P. Mason ..... Havana
Gen. Mgr. G. A. Morson ..... "
Mgr. Traffic & Transp. G. J. Humbert ..... "
Supt. E. G. Robes ..... "
Gen. Ft. & Pass. Agts. W. T. Medley ..... "
Pass. Agts. Frank Roberts ..... "
Supt. of Stores H. L. Ashley ..... "
Claim Agt. G. C. Dedge ..... "
Ch. Engr. Phillip Hammond ..... "
Ch. Elec. Engr. John A. Thompson "
Master Car Builder B. F. Elliott .. "
Engr. M. of W., R. S. Webster .. "
Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 8500 kw; 2200 v. 3 ph. 25 cys; 5625 hp. b. Munos, Bab. & W.; trans. volt. 19,100 v.; trolley volt. 600 v.
Power sta. at Havana.
Repair shops at Luyano.
77 miles; 4-8½ g; 36 pass. and baggage and 324 fgt. cars; 10 elec. and 5 steam locos. (Company furnishes energy for lighting in all towns connected except Havana.) 50

MATANZAS. 36,009.

1332—Ferrocarril Electrico de Matanzas, S. A.—Office, San Carlos y Recurso. (Controls the Tranvia de Matanzas and The Yumuri, Matanzas & Bellamar Ry. Co. Operates in Matanzas and suburbs.)
Pres. Luis Amezaga ..... Matanzas
1st V. Pres. Bonifacio Menendes "
2nd V. Pres. Pedro U. Bea ... "
Sec. Eduardo Rodriguez Verrier "
Treas. Bautista Canizo ..... "
Mgr. & Ch. Engr. J. Gonzalez Sigarroa ..... "
Supt. Antonio Morey ..... "
M. M., Evelio Bello ..... "
Supt. of Traffic, Andres Aragon "
Energy purchased from Compania Anonima Electrica Alemana Cubana.
12.4274 miles; 4-8½ g; 21 storage battery cars. 88

REGLA.

(See No. 1331.)

SANTIAGO. 45,470.

1333—Compania Electrica de Alumbrado y Traccion de Santiago.—Office Hartmann, baja 15, Santiago.
Pres. Jose Marimon, Banco Espanol, Havana
V. Pres. Jose Bosch ..... Santiago
Sec. Gaston Godoy Banco Espanol, Havana
Treas. Banco Espanol ... Isla de Cuba
Audr. Eduardo Montanches ... Santiago
Gen. Fgt. & Pass. Agt. Guillermo Alernany ..... "
Pur. Agt. Edwardo Guerra .... "
Elec. Engr. W. Fuller ..... "
Ch. Engr. Pwr. Sta. Andres Santiago ..... Santiago
M. M., Baldomero Corona .... "
Engr. Ovhd. Constr. José Diaz ..... "
Power sta. equip. 2 d. c. Westg. tot. 800 kw; 4 a. c. G. E. tot. 1100 kw. 2300 v. 3. ph. 60 cys; 2000 hp. b. Bab. & W; 2000 hp. e. G. E. 1000 kw. stm. turb. G. E; trans. volt. 2300 v; trolley volt. 600 v.
1 sub-sta.; 2-400 kw. rot. conv.
Power sta. and repair shops at Punta Blanca, Santiago.
Reaches Vista Alegre and Villa Marimon.
15.90 miles; 4-8½ g; 31 motor and 5 other cars. (Company does general lighting business.) ★60

JAMAICA

KINGSTON. 57,379.

1334—The West India Elec. Co., Ltd.—151 Orange St. (Controls Jamaica Lt. & Pwr. Co.) (Connects Kingston and the Parish of St. Andrew.)
Pres. Jas. Hutchison. 260 St. James St., Montreal, Que., Can.
V. Pres. G. J. Crowd Shaughnessy Bldg., " " "
Sec. J. M. Brady Bk. of Toronto Bldg. ..... " " "
Audr. Harold Davenport ..... Kingston
Mgr. David N. Barr ..... "
Pur. Agt. Moody Eng'g Co., Inc. 90 West St., New York, N. Y., U.S.A.
Elec. Engr. H. A. Campbell .... Kingston
Traffic Supt. David Peat ..... "
Power sta. equip. 2 d. c. G. E. tot. 500 kw; 3 a. c. G. E. tot. 900 kw. 500 v. 3 ph. 40 cys; 750 hp. e. Belliss & Morcom; 700 hp. b. Bab. & W; 1350 hp. turb. (wtr.) S.-B.; trans. volt. 14,000 v; trolley volt. 550 v.
Power stas. (hydraulic) at Bog Walk and (steam) at Gold St.
Repair shops at 151 Orange St., Kingston.
Reaches Rock Fort Gardens (owned); leased to Amusement Co.)
26 miles (electric); 4-8½ g; 31 motor and 7 other cars. (Company does lighting business.) 60

PORTO RICO

(See under the United States, page 164.)

TRINIDAD

PORT OF SPAIN. 60,000.

1335—The Trinidad Electric Co., Ltd.—Home office, cor. Park & Frederick Sts., Port of Spain, Trinidad; Executive office, Keith Bldg., Halifax, N. S., Canada. (Operates in Port of Spain and immediate surrounding territory.)
Pres. Hon. W. B. Ross .. Halifax, N. S., Can.
V. Prests. Wm. Gordon-Gordon, Port of Spain
H. R. Silver, Halifax, N. S., Can.
Sec. & Treas. F. B. Oxley " "
Audr. T. L. E. Piers .. " "
Accountant, George R. Mahon ..... Port of Spain
Pur. Agt. Moody Eng'g Co., Inc. 90 West St., New York, N. Y. U. S. A.
Gen. Mgr. S. D. Harding .. Port of Spain
Asst. Gen. Mgr. K. Macfarlane "
Elec. Engr. Geo. S. Pollard "
Traffic Supt. Clemente Stoute "
Power sta. equip. 2 d. c. G. E. tot. 600 kw; 3 a. c. G. E. tot. 650 kw. 2200 v. 2 ph. 60 cys; 2200 hp. e. Robb; 1000 hp. b. Bab. & W; 750 kw. stm. turb. West; trolley volt. 550 v.

Power sta. and repair shops at Port of Spain.
Reaches Queen's Park, Savannah.
14.24 miles; 4-8½ g; 24 motor pass. cars. (Company does lighting and power business.) 129

PANAMA

PANAMA. 75,000 (1915).

1336—Panama Electric Co.—Office, 71 B'way., New York, N. Y., U. S. A. (Connects Panama, Ancon, Balboa, La Boca, Ft. Grant, Bella Vista and Sabanas.)
Pres. W. J. Ferris..New York, N. Y., U.S.A.
V.Prests. E. W. Hill.....New York
D. F. McGee..... "
James S. Dales....Panama
Asst. Gen. Mgr. & Ch. Engr. E. O. Graham.....Panama
Sec. & Treas. E. P. Summerson New York, N. Y., U.S.A.
Audr. Edmund George Ford...Panama
Supt. Elmer P. Haw..... "
Claim Agt. J. F. de La Osa, Jr. "
Pur. Agt. Electric Bond & Share Co. 71 Broadway, New York, N. Y.
Ch. Engr. Pwr. Sta. R. Slattery, Panama
Engr. Ovhd. Constr. W. J. Swales "
Power sta. equip. 3 a. c. West. tot. 2500 kw. 2300 v. 3 ph. 60 cys; 1050 hp. b. Bab. & W; 2500 kw. stm. turb. West; energy also purchased from Cia Panamena de Fuersa y Lus; trolley volt. 550 v.
1 sub-sta. cap. 600 v; 2-300 kw. rot. conv. Westg.
Repair shops at North Ave. & American Wharf.
Reaches Bella Vista Bathing Beach and Pavilion.
10.5 miles; 3-6 g; 22 motor and 2 freight cars. ★50

ELECTRIC RAILWAY ASSOCIATIONS.

Arranged Alphabetically by Name

Alabama Light & Traction Association.

President, Thos. W. Martin, Alabama Pwr. Co., Birmingham.
Vice-President, T. K. Jackson, Mobile Elec. Co., Mobile.
Secretary and Treasurer, J. P. Ross, Birmingham Ry. Lt. & Pwr. Co., Birmingham.
Executive Committee: S. B. Irelan, Montgomery Lt. & Pwr. Co., Montgomery; T. K. Jackson, Mobile Elec. Co., Mobile; E. T. Schueler, Sheffield Co., Sheffield; Jno. B. Weakley, Alabama Water Co.; J. S. Pevear, Birmingham Ry., Lt. & Pwr. Co., Birmingham. ★70

American Electric Railway Accountants' Association.

(Affiliated with A E R A)

President, I. A. May, Compt. The Connecticut Co., New Haven, Conn.
1st Vice-President, John J. Landers, Audr. York Rys. Co., York, Pa.
2nd Vice-President, F. E. Webster, Treas., Massachusetts Northern St. Ry. Co., Haverhill, Mass.
3rd Vice-President, W. G. Nicholson, Sec. & Audr., Omaha & Council Bluffs St. Ry. Co., Omaha, Nebr.
Secretary-Treas. F. J. Davis, Acct. Dept., Public Service Ry. Co., Newark, N.J.
Executive Committee: The officers and William A. Doty, Audr., The Denver Tramway Co., Denver, Colo.; P. L. King, Audr., San Antonio Public Service, San Antonio, Texas; F. E. Wilkin, Audr., Pennsylvania-Ohio Electric Co., Youngstown, Ohio; O. H. Bernd, Sec. and Gen. Audr., Des Moines City Ry. Co. Des Moines, Iowa. 50

American Electric Railway Association.

President, John H. Pardee, Pres. Eastern Pennsylvania Railways Pottsville, Pa.
1st Vice-President, Richard McCulloch, Pres. United Railways Co. of St. Louis, St. Louis, Mo.
2d Vice-Pres. T. S. Williams, President Brooklyn Rapid Transit System, Brooklyn, N. Y.
3d Vice-Pres. R. I. Todd, Pres. Indianapolis Traction & Terminal Co., Indianapolis, Ind.
4th Vice-Pres. Philip J. Kealy, Pres. The Kansas City Ry. Co., Kansas City, Mo.
Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.
Executive Committee: I. A. May, Pres. Amer. Elec. Ry. Acct's. Assn; E. R. Hill, Pres. Amer. Elec. Ry. Engrg. Assn; S. B. Hare, Pres. Amer. Elec. Ry. Claims Assn; W. H. Collins, Pres. Amer. Elec. Ry. Transp and Traf. Assn; John G. Barry, Sales Mgr. General Elec. Co., Schenectady, N.Y. Wm. I. Bartholomew, Vice-Pres. Westinghouse Traction Brake Co., East Pittsburgh, Pa.; Thos. Finigan, Vice-Pres. Amer. Brake Shoe & Fdy. Co., Chicago, Ill.; B. A. Hegeman, Jr., Pres. Nat'l Ry. Appliance Co., New York and S. M. Curwen, Pres, J. G. Brill Co. Philadelphia, Pa. ★80

American Electric Railway Claims Association.

(Affiliated with A E R A)

President, S. B. Hare, Claim Agt. Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.
1st Vice-President, John J. Reynolds, Claims Atty., Boston Elev. Ry., Co., Boston, Mass.
2d Vice-President, C. G. Rice, Mgr. Associated Bureaus, Pittsburgh Railways Company Pittsburgh, Pa.
3rd Vice-President, Wallace Muir, Claim Agent, Kentucky Traction & Terminal Co., Lexington, Ky.
Secretary and Treasurer, J. S. Kubu, Claim Agt., New York State Rys., Utica, N. Y.
Executive Committee: The President, Vice-Presidents, and H. D. Briggs, Public Service Railway Co., Newark, N.J., E.L. Lindemuth, Wilkes-Barre, Ry. Co., Wilkes-Barre, Pa.; C. B. Proctor, Memphis Street Ry. Co., Memphis, Tenn.; H. G. Winsor, Puget Sound Elec. Ry. Co., Tacoma, Wash. 50

American Electric Railway Engineering Association.

(Affiliated with A E R A)

President, E.R. Hill, Cons-Engr. Norfolk & Western Ry. Co., New York. N. Y.
1st Vice-President, W. G. Gove, Supt. Equip. Brooklyn Rapid Transit System, Brooklyn, N. Y.
2d Vice-President, C. L. Cadle, Elec. Engr., New York State Railways, Rochester, N. Y.
3d Vice-President, C. S. Kimball, Engineer Maint. of Ways, Washington Ry. & Elec. Co., Washington, D. C.
Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.
Executive Committee: The officers and C. F. Bedwell, Asst. Engr. Public Service Ry. Co., Newark, N J., H. A. Johnson, Supt. Shops and Equipment Metropolitan West Side Elevated Ry. Co., Chicago, Ill.; L. C. Datz, Engineer, American Cities Co., Birmingham, Ala.; E. H. Scofield, Engineer Power & Equipment Twin City Rapid Transit Co., Minneapolis, Minn. 50

American Electric Railway Transportation and Traffic Association.

(Affiliated with A E R A)

President, W. H. Collins, Gen. Mgr. Fonda, Johnstown & Gloversville R. R., Gloversville, N. Y.
1st Vice-President R. P. Stevens, Pres. Pennsylvania-Ohio Electric Co., Youngstown, Ohio.
2d Vice-President, L. H. Palmer, Asst. to Pres. United Railway & Elec. Co., Baltimore, Md.
3d Vice-President, G. T. Seely, V. Pres. & Gen. Mgr., Pennsylvania-Ohio Electric Co., Youngstown, Ohio.
Secretary and Treasurer, E. B. Burritt, 8 W. 40th St., New York, N. Y.
Executive Committee: The officers and J. K. Punderford, V. Pres., Connecticut Co., New Haven, Conn.; G. H. Clifford, V. Pres., Northern Texas Trac. Co., Ft. Worth, Texas; A. Gaboury, Supt. Montreal Tramways Co., Montreal, Que., Can.; and T. C. Cherry, V. Pres. Rochester, Syracuse & Eastern R. R. Co., Syracuse, N. Y. ★50

Arkansas Utilities Association.

President, C. J. Griffith, Gen. Mgr., Little Rock Railway and Electric Co., Little Rock, Ark.

1st Vice-President, J. F. Christy, Mgr., Jonesboro Light & Water Co., Jonesboro, Ark.
2d Vice-President, J. A. Whitlow, Mgr., Pine Bluff Co., Pine Bluff, Ark.
Secretary-Treasurer, S. E. Dillon, Mgr., Public Utilities, Hot Springs, Ark. ★60

California Electric Railway Association.

President, W. R. Alberger, V. P. & G. M., San Francisco, Oakland Term. Rys., Oakland, Cal.
Vice-President, W. E. Dunn, V. P. Los Angeles Ry. Corp., Los Angeles, Cal.
Treasurer, The Anglo-London Paris Natl. Bank, San Francisco.
Manager, W. V. Hill, 58 Sutter St., San Francisco, Cal.
Executive Board: Paul Shoup, Pres. Pacific Electric Ry., San Francisco; W. E. Dunn, V. Pres. Los Angeles Railway Corpn., Los Angeles; Wm. Clayton, Mng. Dir. San Diego Elec. Ry., San Diego.; W. R. Alberger, V. Pres. & Gen. Mgr. San Francisco-Oakland Terminal Rys., Oakland, Cal.; Wm. Von Phul, President United Railroads of San Francisco, San Francisco, Cal. ★60

Canadian Electric Railway Association.

Office, 70 Bond St., Toronto, Can.

Honorary President, Lt. Col. J. E. Hutcheson, Gen. Mgr., Montreal Tramways Co.
Honorary Vice-President, Acton Burrows, Mng. Dir., Canadian Railway and Marine World.
President, Arthur Gaboury, Supt. Montreal (Que.) Tramways Co.
Vice-President, G. Gordon Gale, Vice-President & Gen. Mgr. Hull Electric Co.
Honorary Secretary-Treasurer, (pro-tem) A. Eastman, Vice-President & Gen. **Mgr. Windsor, Essex and Lake Shore Rapid Ry. Co.**
Executive Committee: The President, Vice-President and F. D. Burpee, Supt., Ottowa Elec. Ry.: C. C. Curtis, Mgr., Cape Breton Electric Co., A. Eastman, Vice-President & Gen. Mgr., Windsor, Essex and Lake Shore Rapid Ry. Co.; M. W. Kirkwood, Mgr. Grand River Ry. Co. and Lake Erie & Northern Ry. Co.; A. W. McLimont, Vice-President and Gen. Mgr., Winnipeg Electric Ry. Co.: Geo. Kidd, Gen. Mgr. British Columbia Elec. Ry. Co.; R. M. Reade Supt. Quebec Ry. Lt. & Pwr. Co.; Lt. Col. G. C. Royce, Gen.-Mgr., Toronto Suburban Ry. Co. and C. L. Wilson, Mgr., Toronto & York Radial Ry. Co. ★50

Central Electric Railway Accountants' Association.

President, C. B. Kleinhans, Audr., Toledo & Indiana Railroad.
1st Vice-President, A. R. Baxter, Audr., Indianapolis & Cincinnati Tract. Co.
2nd Vice-President, Irwin Fullerton, Audr., Detroit, United Lines.
Secretary and Treasurer, A. L. Neereamer, 308 Traction-Terminal Bldg., Indianapolis, Ind.
Executive Committee: Homer Ruhl, Audr., Ft. Wayne and Decatur Trac. Co.; E. O. Reed, Audr. Western Ohio Ry., Lima, O.; F. K. Young, Audr., Scioto Valley Traction Co.; K. A. George, Audr., Indiana Railway & Light Co.
Annual meeting, January. ★50

Central Electric Railway Association.

President, R. I. Todd, Pres. Terre Haute, Indianapolis & Eastern Trac. Co., Indianapolis, Ind.
1st Vice-President, A. C. Blinn, Vice-Pres. Northern Ohio Trac. & Lt. Co., Akron, Ohio.
2nd Vice-President, E. J. Burdick, Asst. Gen. Mgr., Detroit United Lines, Detroit, Mich.
Secretary and Treasurer, A. L. Neereamer, 308 Traction-Terminal Bldg., Indianapolis, Ind.
Executive Committee: F. D. Carpenter, Pres. Western Ohio Ry; C. L. Henry, Pres., Indianapolis & Cincinnati Trac. Co.; S. W. Greenland, Gen. Mgr. Ft. Wayne & No. Ind. Trac. Co; H. A. Nicholl, Gen. Mgr. Union Traction Co. of Indiana: G. T. Seely, Gen. Mgr., Youngstown & Sharon Electric Street Railway; W. S. Rodger, Gen. Traffic Mgr., Detroit United Lines; F. W. Coen, Vice-President and Gen. Mgr. Lake Shore Elec. Ry., Sandusky, Ohio; J. F. Collins, Vice-President & Gen. Mgr., Michigan Railway Co., Harry Reid, President, Interstate Public Service Co.; L. G. Parker, Representative, Cleveland Frog & Crossing Co.; H. E. Rasmussen, Representative, Indianapolis Electric Supply Co., C. B. Kleinhans, President, Central Electric Ry. Accountants' Assn. ★50

Central Electric Traffic Association.

Chairman, A. L. Neereamer, 308 Traction-Terminal Bldg., Indianapolis, Ind.
Meetings held in January, March, May, September and November. ★50

Colorado Electric Light, Power & Railway Association.

President, Norman Read, Gen. Mgr. The Colorado Pwr. Co., Denver, Col.
1st Vice-President C. A. Semrad, Western Lt. & Power Co., Boulder, Col.
2d Vice-President, T. O. Kennedy, Gen. Supt., The Denver Gas & Elec. Lt. Co., Denver, Col.
Actg. Secretary-Treasurer, Miss Minnie B. W. Baker, The Denver Gas & Elec. Lt. Co., Denver.
Executive Committee: W. J. Barker, Gen. Mgr., The Denver Gas & Elec. Lt. Co., Denver; Walter Brown, Mountain States Tel. & Tel. Co., Denver, Col.; J. F. Dostal, Gen. Mgr., Colorado Springs Lt., Ht. & Pwr. Co., Colorado Springs; W. C. Sterne, The Summit County Pwr. Co., Denver; E. A. Phinney, Gen. Mgr. Jefferson County, Pwr. & Lt. Co., Golden, Col. ★50

Illinois Electric Railways Association.

President, W. C. Sparks, Gen. Mgr. Rockford & Interurban Ry. Co.
1st Vice-President, E. M. Walker, Gen. Mgr. Terre Haute (Ind.) & Western Ry. Co.
2d Vice-President, W. L. Arnold, Gen. Mgr. Elgin & Belvidere Elec. Co., Chicago.
Secretary-Treasurer, R. V. Prather, 305 De Witt-Smith Bldg., Springfield.

Executive Committee: President, 1st and 2d Vice-Presidents and D. E. Parsons Gen. Mgr. East St. Louis & Suburban, Ry. Co., East St. Louis; Frank J. Baker, Vice-Pres. Public Service Co. of Northern Illinois; E. C. Faber, Vice-Pres. Aurora, Elgin & Chicago R. R. Co.; C. H. Handshy, Asst. Gen. Mgr. Illinois Traction System Springfield; H. E. Chubbuck, V. Pres. Exec. Illinois Traction System; Britton I. Budd, Pres. Chicago Elev. Roads; J. R. Blackhall, Gen. Mgr. Chicago & Joliet Electric Ry. Co.
Annual meeting, January. 50

Iowa Electric Railway Association.

President, H. E. Weeks, V. Pres. Tri-City Ry. & Lt. Co., Davenport, Iowa.
Vice-President, R. A. Leussler, Gen. Mgr. Omaha & Council Bluffs Street Railway Co., Omaha, Nebr.
Sec. and Treasurer, C. E. Fahrney, Gen. Mgr. Ottumwa Railway and Light Co., Ottumwa, Iowa.
Board of Directors: President, Vice-President, Secretary, Treasurer and F. J. Hanlon, Gen. Mgr., Mason City & Clear Lake Railroad Co., Mason City, Iowa; E. C. Allen, Gen. Mgr. Cedar Rapids & Marion City Ry. Co., Cedar Rapids, Iowa.
Annual meeting, June. ★50

Kansas Public Service Association

President, R. G. Lafite, Eureka, Kans.
1st Vice-President, Otto Theis, Garden City, Kans.
2d Vice-President, H. F. Jackman, Minneapolis, Kans.
3d Vice-President, W. C. Sharp, Concordia, Kans.
Secretary-Treasurer, W. W. Austin, Cottonwood Falls, Kans.
Executive Committee: C. L. Brown, Abilene; H. W. Magruder, Liberal; W. E. Quillen, Hutchinson; A. M. Patten, Topeka; L. O. Ripley, Wichita; W. W. Austin, Cottonwood Falls. 50

Mississippi Electrical Association

President, H. E. Brandi, Meridian.
Vice-Pres., R. B. Claggett, Greenville.
Secretary and Treasurer, E. S. Myers, Vicksburg. 50

Missouri Association of Public Utilities

Acting President & 1st Vice-President, L. P. Andrews, Sedalia.
2d Vice-President, H. Spoehrer, St. Louis.
3rd Vice-President, Col. P. J. Kealey, Kansas City.
Secretary and Treasurer, F. D. Beardslee, 315 N. 12th St., St. Louis.
Executive Committee: Phillip J. Kealy, Kansas City; B. C. Adams, Joplin, E. R. Locke, Mexico; Worth Bates, Lexington; J. S. Tritle, St. Louis, (Associate Member, representing class "C" members.)
Public Affairs Committee: V. L. Elbert, Chairman, St. Joseph; J. F. Porter, Kansas City; Bruce Cameron, St. Louis; E. C. Deal, Springfield; J. H. Van Brunt, St. Joseph; H. Wurdack, St. Louis; E. A. Algermissen, Montgomery; W. H. Henby, University City. ★50

National Association of Railway and Utility Commissioners

President, Walter A. Shaw, Illinois.
1st Vice-President, James A. Perry, Georgia.
2nd Vice-President, Carl D. Jackson, Wisconsin.
Secretary, James B. Walker, 49 Lafayette St., New York, N. Y.
Next convention, Nov. 9, 1920, Washington, D. C. ★50

New England Electric Freight Association.

President, R. E. Cosgrove, Fgt. & Pass. Agt. Springfield St. Ry. Co., Springfield, Mass.
Secretary-Treas. F. C. Lewis, Gen. Fgt. Agt. Boston & Worcester St. Ry. Co., Framingham, Mass. 50

New England Street Railway Club.

President, I. A. May, New Haven, Conn.
Vice-Presidents for States: Alfred Sweeney, Maine; John Lindall, Boston, Mass.; Thomas E. Kendrigan, N. H.; F. S. Nicholson, Vt.; Walter C. Slade, Providence, R. I.; J. S. Goodwin, Bridgeport, Conn.
Secretary, John W. Belling, Boston, Mass.
Treasurer, Fred F. Stockwell, Cambridge, Mass.
Finance Committee: I. A. May, New Haven, Conn.; B. W. Barnell, Winchester, Mass.; C. A. Record, Cambridge, Mass.
Executive Committee: J. E. Dosier, Lynn, Mass.; A. F. Walker, Boston, Mass.; A. A. Hale, Boston, Mass.; Wm. W. Field, Cambridge, Mass.; Edward Dana, Boston, Mass.; L. P. Morris, Boston, Mass.; Walter C. Bolt, Boston, Mass. ★50

New York Electric Railway Association.

President, Edw. A. Maher, Jr., Vice-Pres. & Gen. Mgr., Third Ave. Ry., New York.
1st Vice-President, Talmadge C. Cherry, Vice-Pres. & Gen. Mgr. Rochester & Syracuse R. R. Syracuse.
2d Vice-Pres., W. O. Wood, Pres. New York & Queens County Trac. Co., Long Island City.
Secretary-Treasurer, Wm. F. Stanton, Asst. to President, New York State Rys., Rochester, N. Y.
Executive Committee: The officers and James E. Hewes, Gen. Mgr. Albany Southern R. R. Co., Rensselaer; Geo. Keegan, Asst. to Pres. & Gen. Mgr. Interborough Rapid Transit Co., New York, Benj. E. Tilton, Vice-Pres. & Gen. Mgr. New York State Railways, Syracuse; Wm. E. Gove, Supt. Equipt. Brooklyn Rapid Transit Co. 50

Oklahoma Utilities Association.

President, J. W. Shartel, Vice-President & Gen. Mgr., Oklahoma Ry. Co., Oklahoma City.
1st Vice-President, C. E. Devin, Mgr., Apache Telephone Co., Apache.
2nd Vice-President, J. M. Gayle, Utility acountant, Oklahoma City.
Treasurer, Wm. Mee, Pres., Security National Bank, Oklahoma City.
Manager, H. A. Lane, 1107 First National Bank Bldg., Oklahoma City. ★50

The Pacific Claim Agents Association.

President, W. H. Moore, San Diego (Cal. Elec. Ry. Co.
1st Vice-President, C. A. Blackburn, Butte (Mont.) Elec. Ry. Co.
2d Vice-President, J. S. Mills, San Francisco-Oakland (Cal.) Terminal Rwys.

3rd Vice-President, Frank D. Oakley, Tacoma (Wash.) Ry. & Pwr. Co.
Secretary and Treasurer, B. F. Boynton Portland (Ore.) Ry. Lt. & Pwr. Co.
Executive Committee: J. H. Handlon, United Railroads of San Francisco, Calif.; Thos. G. Aston, Washington Water Pwr. Co., Spokane, Wash.; S. A. Bishop, Pacific Elec. Ry., Los Angeles, Cal.; Thomas A. Cole, Los Angeles (Calif.) Ry. Corpn.; F. J. Lonergan, Portland, (Ore.) Ry. Lt. & Pwr. Co.; H. G. Winsor, Tacoma (Wash.) Rwy. & Pwr. Co.; J. W. Grace, Sacramento, (Calif.) Northern R. R. 60

The Pennsylvania Street Railway Association

President, Gordon Campbell, Pres. York Railways Co., York.
Vice-President, T. B. Donnelly, West Penn. Traction Co., Pittsburgh.
Secretary and Treasurer, Henry M. Stine, 211 Locust St., Harrisburg.
Executive Committee: The President, Vice-President, C. L. S. Tingley, Amer. Rys. Co.; C. B. Fairchild, Jr., Phila. Rapid Transit Co.; Thos. A. Wright, Wilkes-Barre Railways Co.; Thomas Cooper, Westinghouse Elec. & Mfg. Co.

Public Service Association of Virginia

President, J. N. Shannahan, Hampton Va.
Vice-President, J. F. Rison, Danville, Va.
Secretary-Treasurer, R. M. Booker, Richmond, Va. ★60

Public Utilities Association of West Virginia.

President, Herbert Markle, Gen. Mgr. Appalachian Pwr. Co., Bluefield, W. Va.
1st Vice President, Mentor Hetzer, Gen. Mgr. Moundsville Wtr. Co., Moundsville, W. Va.
2d Vice-President, Hon. Fred Paul Grosscup, Charleston, W. Va.
3d Vice-President, P. P. Crafts, Gen. Mgr. Kanawha Trac. & Elec. Co., Parkersburg, W. Va.
Secretary-Treasurer, W. C. Davisson, Vice-Pres. West Virginia Water & Elec. Co., Charleston, W. Va.
Executive Commitee: Burr Martin, Dallas, Tex., G. E. Calder, Dallas, Tex.; Alba H. Warren, El Paso, Tex.; H. C. Morris, Dallas, Tex.; G. H. Clifford, Ft. Worth, Tex.; W. B. Tuttle, San Antonio, Tex., S. R. Bertron, Jr., Houston, Tex.; F. D. Murphy, Houston, Tex., A. F. Townsend, Beaumont, Tex.; C. H. Courser, Houston, Tex.; Howard Smith, Port Arthur, Tex.

Southwestern Electrical & Gas Association

President, A. Hardgrave, Dallas, Tex.
1st Vice-President, C. E. Calder, Dallas, Tex.
2nd Vice-President, Alba H. Warren, El Paso, Tex.
3rd Vice-President, S. R. Bertron, Jr.
Secretary, H.S.Cooper, 403-404 Slaughter Bldg., Dallas, Tex.
Treasurer, J. B. Walker, Dallas, Tex.
Executive Committee: Burr Martin, Dallas, Tex.; A. Hardgrave, Dallas, Tex.; C. E. Calder, Dallas, Tex.; Alba H. Warren, El Paso, Tex.; and H. C. Morris, Dallas, Tex.; G. H. Clifford, Ft. Worth, Tex.; W. B. Tuttle, San Antonio, Tex.; S.R.Bertron,Jr.,Houston, Tex.; F. D. Murphy, Houston, Tex.; A. F. Townsend, Beaumont, Tex.; C. H. Courser, Houston, Tex.; Howard Smith, Port Arthur, Tex.
Advisory Committee: H.O. Clarke,Houston, Tex.; K. L. Simons, El Paso, Tex.; F. L. Weisser, San Antonio, Tex.; H. E. Danner, Houston, Tex.; B. F. Cherry, Weatherford, Tex.; A. Patterson, Texarkana, Tex.; W. E. Wood, Houston, Tex.; J. C. Kennedy, Dallas, Tex.; Jas. P. Griffin, Dallas, Tex.; J. W. Carpenter, Dallas, Tex.; H. E. Borton, Calvert, Tex.; Theo. Dienst, Bay City, Tex.; P. A. Rogers, Wichita Falls, Tex.; P. W. Campbell, Cisco, Tex.; H. F. Cameron, Houston, Tex.; L. L. Stepenson, Yoakum, Tex.; H. B. Hearn, Shreveport, La.; Nelson H. Brown, New Orleans, La.; W. A. Brenham, Tex.; V. W. Berry, Ft. Worth, Tex.; R. W. Van Valkenburg, Dallas, Tex.; H. E. Hobson, Dallas, Tex.; F. G. Kune, Dallas, Tex.; C. A. Newning, Houston, Tex.; Mac F. Sterrett, Dallas, Tex.
Finance Committee: J. E. Van Horn, Dallas, Tex.; R. G. Soper, Dallas, Tex.; C. H. Dickey, Houston, Tex. ★60

The Tramways & Light Railways Association of Great Britain.

President, Rt. Hon. Viscount Chilston.
V. Prests. Hon. Lord Vaux of Harrowden.
Lord Arthur Butler.
Sir Alex. B. W. Kennedy, M. I. E. E., M. I. C. E.
Sir Charles Petrie, J. P.
J. S. Harmood-Banner, Bart., M. P.
J. M. Henderson, M. P.
R. A. Smithson.
E. Garcke, M. I. E. E.
F. Russell-Taylor, J. P.
Rt. Hon. Sir Albert Stanley, M. P.
Secretary, A. DeTurckheim.
Chairman of Council, Hon. Sir Arthur Stanley, G. B. E.
Vice-Chairman, R. J. Howley.
Offices, Sanctuary House, Westminster, London, S. W., England.
Annual meeting, February of each year. 129

Union Internationale de Tramways et de Chemins de fer d'Intérêt local.

Honorary President, Baron Janssen, President de la Société Les Tramways Bruxellois, Brussels, Belgium.
President, C.de Burlet, Inspecteur Générale Honoraire des Ponts et Chaussées, Brussels.
Vice-Presidents, H. Géron, Adminitrateur Member of the Council of the Compagnie Générale de Chemins de fer Secondaires, Brussels.
Secretary, Henry Camp, 23 Rue d'Arlon, Brussels, Belgium.
Executive Committee: The officers and J. Kessels, Administrateur Société Générale de Chemins de fer Economiques, Brussels; A. Mariage, Gen. Mgr. Compagnie Générale des Omnibus de Paris; G. Pavie, Administrateur delégué Compagnie Générale, Française de Tramways, Paris; Ch. Rochat, Gen. Mgr. Compagnie Genevoise de Tramways Electriques, Geneve; Ch. Thonet Administrateur V. Pres. Société anonyme d'Entreprise Générale de Travaux, Liège. 60

Wisconsin Electrical Association.

President, W. C. Lounsbury, Gen. Supt. Superior Water, Light & Pwr. Co., Superior.

1st Vice-President L. N. Boisen, Vice-Pres., Ashland Lt., Pwr. & St. Rys., 1117 Monadnock Bldg., Chicago, Ill.

2nd Vice-President, Harold L. Geisse, Gen. Mgr. Janesville Elec. Co., Janesville.

3rd Vice-President, P. D. Kline, Vice-President Wisconsin-Minnesota Light and Power Co., Eau Claire.

Secretary and Treasurer, J. P. Pulliam, 1406 First Nat'l Bank Bldg., Milwaukee. ★30

NATIONAL AND STATE RAILROAD AND PUBLIC UTILITY COMMISSIONS

Arranged by States

Alabama Public Service Commission

Montgomery

Sam P. Kennedy, Anniston, Pres.
B. H. Cooper, Montgomery
S. P. Gaillard, Mobile
} Commissioners.

Atticus Mullin, Sec., Montgomery.

50

Arizona Corporation Commission.

Phoenix

Amos A. Betts Chairman.
F. A. Jones
D. F. Johnson
} Commissioners.

A. E. Stelzer, Sec.
Ben Ferguson, Engineer.
D. R. Johnson, Tariff Expert.
H. M. Berry, Audr.
Gertrude Fogle, Chief Clerk Incorporating Dept.
W. J. Graham, Chief Clerk Investment Co. Dept.
——— Chief Clerk, Insurance Dept.
S. R. Williamson, Chief Clerk, Auto Dept.

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Arkansas Corporation Commission

Little Rock

Herbert R. Wilson Chairman
T. E. Wood
Walter G. Brasher
} Commissioners.

Guy A. Freeling, Sec.
Robert C. Knox, Gen. Counsel.
W. L. Helmreich, Chief Engr.
David Wilson, Clerk.
Mrs. J. H. Sanderlin, Rate Clerk
O. P. Findley, Reporter.
Miss Idene Brasher, Mamie Brewer } Stenographers.

★50

Arkansas, State Tax Commission

Little Rock.

(Commission to Assess and Equalize Railroads, Telegraphs, Telephones, Street Railroads, Interurbans, Water Works, Electric Light Plants, Pipe Lines, Express Companies, Sleeping Car Companies, Toll Roads, Toll Bridges, etc., to have and exercise general and complete supervision over the assessment and collection of taxes and the enforcement of the tax laws of the State, etc.)

C. R. Cordell, Chairman
Monroe Smith
A. C. Martineau
} Commissioners.

J. P. Machen, Sec.
Mabel Smith, Clerk.

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California R. R. Commission, State of

870 Market St., San Francisco.

E. O. Edgerton, Pres.
H. D. Loveland
Frank R. Devlin
Harley W. Brundige
Irving Martin
} Commissioners.

W. R. Williams, Sec.
H. G. Mathewson, Asst. Sec.
W. P. Geary, Examiner & Rate Expert.
R. Sachse, Chief Engr.

W. C. Fankhauser, Chief Dept. Finance and Accts.
Hugh T. Gordon, Att'y.
Myron Westover
Wm. T. Satterwhite
W. J. Handford
} Examiners.

Ralph A. Sollars, Chief Reporter.
C. H. Loveland, Chief Hydraulic Section.
L. S. Ready, Chief Gas & Elec. Section.
A. L. Wilson, Chief Tel. & Tel. Section.

★60

Canada, Board of Railway Commissioners for

Ottawa, Ont.

Hon. F. B. Carvell, K. C., Chief
S. J. McLean, LL.B., Ph. D., Asst. Chief
Hon. W. Bruno Nantel, K. C., LL.D, Deputy
A. S. Goodeve
A. C. Boyce, K. C.
J. G. Rutherford, C. M. G.
} Commissioners

A. D. Cartwright, Sec.
E. A. Primeau, Asst. Sec. (French)
R. Richardson, Asst. Sec.
James Hardwell, Ch. Traffic Officer.
Geo. A. Mountain, Chief Engr.
T. L. Simmons, Asst. Chief Engineer.
John Murphy, Electrical Engineer.
George Spencer, Chief Oper. Officer.
A. G. Blair, K. C., Solicitor.
James Mills, Librn. & Superv. Officer.
Clyde Leavitt, Chief Fire Inspector.

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Canada, Dominion of

Department of Railways and Canals.

Ottawa, Ont.

Hon. J. D. Reid, P. C., Minister.
G. A. Bell, C.M.G., Deputy Minister.
G. W. Yates, Asst. Deputy Minister.
J. W. Pugsley, Sec.
W. A. Bowden, Chief Engr. ★50

Canada, Manitoba Public Utilities Commission

500 Tribune Bldg., Winnipeg.

P. A. Macdonald, Commissioner.
A. W. Smith, Secretary.
George L. Guy, Electrical Engineer.
Hugh McNair, Gas Engineer. 50

Colorado Public Utilities Commission

Denver.

Grant E. Halderman Chairman
A. P. Anderson
Frank P. Lannon
} Commissioners.

Geo. A. Flannigan, Secretary. ★50

Connecticut Public Utilities Commission

Hartford.

Richard T. Higgins, Winsted, Chairman
Chas. C. Elwell, New Haven
Joseph W. Alsop, Avon
} Commissioners.

Henry F. Billings, Hartford, Secretary

50

District of Columbia Public Utilities Commission

District Bldg., Washington

Charles W. Kuts, Chairman
Louis Brownlow
} Commissioners.
Walter C. Allen, Executive Secy.
Francis H. S hens, Gen. Counsel
★50

Interstate Commerce Commission

Washington, D. C.
Edgar E. Clark of Iowa, Chairman.
Charles C. McChord of Kentucky.
Balthasar H. Meyer of Wisconsin.
Henry C. Hall of Colorado.
Winthrop M. Daniels of New Jersey.
Clyde B. Aitchison of Oregon.
Robert W. Woolley of Virginia.
Joseph B. Eastman of Massachusetts.
George B. McGinty of Georgia, Sec.
Alfred Holmead of District of Columbia, Asst. Sec.
Thomas A. Gillis of Pennsylvania, Asst. to the Sec.
T. Leo. Haden of District of Columbia, Chief Clerk & Pur. Clerk. ★60

Florida R. R. Commission

Tallahassee.
R. Hudson Burr, Chairman
Newton A. Blitch
Royal C. Dunn
} Commissioners.
Lewis G. Thompson, Sec.
Dozier A. De Vane, Counsel.
J. H. Tench, Rate Expert. 50

Georgia, R. R. Commission of Atlanta.

C. M. Chandler, Chairman
Paul B. Trammell, Dalton, V-Chairman
Jas. A. Perry, Atlanta
John T. Boifeuillet, Macon
J. D. Price, Athens
} Commissioners.
Albert Collier, Sec., Atlanta.
E. M. Price, Rate Expert, Atlanta.
James K. Hines, Special Att'y., Atlanta. 50

Hawaii, Public Utilities Commission of

Honolulu.
William T. Carden, Chairman
Alexis J. Gignoux
I. M. Stainback
} Commissioners.
H. P. O'Sullivan, Secy.
H. Gooding Field, Audr.
J. R. Kenney, Asst. Sec. 60

Idaho, Public Utilities Commission of The State of

Boise City.
A. L. Freehafer, President
Geo. E. Erb
E. M. Sweeley
} Commissioners.
C. J. Callahan, Sec.
Raymond L. Givens, Atty.
W. L. Gorton, Chief Engr.
F. W. Hassan, Audr.
Leonard Way, Rate Clerk.
J. R. Cummock, Reporter 129

Illinois, Public Utilities Commission of

Springfield.
James H. Wilkerson Chairman
Frank H. Funk
Walter A. Shaw
Patrick J. Lucey
} Commissioners.
R. Allan Stephens, Sec.
G. E. Doying, Asst. Sec.
W. M. Hammond, Chief Accountant
Frank G. Ewald, Chief Engr.
H. M. Slater, Transpt. Rate Expert. 50

Indiana, Public Service Commission of

Indianapolis.
E. I. Lewis, Indianapolis, Chairman
Glenn Van Auken
John W. McCardle
Paul P. Haynes
Fred. B. Johnson
} Commissioners.
Carl H. Mote, Indianapolis, Secretary.
A. B. Cronk, Chief Tariff Bureau.
Harry Boggs, Chief Accountant.
H. O. Garman, Chief Engineer.
D. E. Matthews, Chief Inspector. ★50

Indiana, Board of Tax Commissioners of

Indianapolis.
Fred A. Sims, Chairman
Philip Zoercher.
S. N. Cragun.
} Commissioners.
W. C. Harrison, Secretary ★50

Iowa Railroad Commission

Des Moines.
Dwight Lewis, Chairman
John A. Guiher
Chas. Webster.
} Commissioners.
Geo. L. McCaughan, Des Moines, Secretary.
J. H. Henderson, Indianola, Commerce Counsel.
Walter Condran, Des Moines, Asst. Commerce Counsel.
W. F. Parsons, Des Moines, Chief Rate Clerk.
Leonard C. Donohoe, Chief Clerk.
A. B. Campbell, Elec. Engr.
H. A. Franklin, Signal Engr.
C. Bailie Ellis, Statistician. ★50

Kansas, Court of Industrial Relations

Topeka.
W. L. Huggins, Presiding Judge
Clyde M. Reed
George H. Wark
} Members of Court
Carl W. Moore, Clerk
A. E. Helm, Commerce Counsel.
F. S. Jackson, Attorney
T. J. Strickler, Chief Engineer ★50

Kentucky R. R. Commission

Frankfort.
J. Sherman Cooper Chairman
Frank Burns
E. C. Kash
} Commissioners.
Sam Collins, Rate Clerk, Whitesburg.
Richard Tobin, Secretary, Frankfort. ★50

Louisiana, R. R. Commission of

Baton Rouge.
Shelby Taylor, Crowly, Chairman.
John T. Michel, New Orleans, Commissioner 1st District.
Huey P. Long, Jr., Winnfield, Commissioner 2nd District.
H. Jastremski, Secretary. 50

Maine, Public Utilities Commission of

Augusta.
Benjamin F. Cleaves, Biddeford, Chairman
Herbert W. Trafton, Ft. Fairfield
Albert Greenlaw, Eastport
} Commissioners.

George F. Giddings, Augusta, Clerk.
Wm. M. Black, Augusta, Ch. Engr.
Elmer E. Parkman, Augusta, Chief Inspector.
F. J. McArdle, Chief of Rates and Schedules.
Albert E. Lamb, Bangor, Chief Accountant. 50

Maryland, Public Service Commission of

Munsey Bldg., Calvert & Fayette Sts., Baltimore.

Wm. Milnes Maloy, Chairman
James C. Legg.
J. Frank Harper
} Commissioners.

W. Cabell Bruce, Gen. Counsel.
J. S. Goldsmith, Asst. Gen. Counsel.
Benjamin T. Fendall, Sec.
Chas. G. Edwards, Chief Engr.
J. L. Wicks, Transportation Expert.
Jas. F. Dunn, Jr., Auditor.
Frank Harper, Chief of Bureau of Rates and Tariffs. ★50

Massachusetts Department of Public Utilities

167 State House, Boston.

Henry C. Attwill, Chairman
Everett E. Stone
Alonzo R. Weed
David A. Ellis
Henry G. Wells
} Commissioners.

★50

Michigan Public Utilities Commission

Capitol Bldg., Lansing.

Wm. M. Smith, Chairman
Wm. W. Potter
Sherman T. Handy
Samuel Odell
Earl R. Stewart
} Commissioners.

Will H. Brunson, Secretary.
James Bice, Chief Inspecting Engr.
Fred R. Harris, Valuation Engr.
M. L. Munson, Chief Clerk.
E. A. Calkins, Statistician.
Foster M. Wintermute, Chief Rate Inspector. 50

Minnesota, Railroad & Warehouse Commission of

Capitol Bldg., St. Paul.

Ira B. Mills
O. P. B. Jacobson
Fred W. Putnam
} Commissioners.

A. C. Clausen, Secretary.
Thos. Yapp, Asst. Secretary.
A. L. Flinn, Rate Expert.
D. F. Jurgensen, Engineer.
Wilfred Kearton, Signal Engineer.
J. W. Howatt, Supvr. Telephones. ★50

Mississippi R. R. Commission

Jackson

George R. Edwards, McCool, President
W. B. Wilson, Corinth
C. M. Morgan Hattiesburg
} Commissioners.

James Galceran, Jackson, Secretary.
M. C. Moore, Jackson, Rate Expert. ★50

Missouri Public Service Commission

Jefferson City.

W. G. Busby, Chairman
E. J. Bean
D. E. Blair
Edward Flad
N. W. Simpson
} Commissioners.

N. E. Williams, Secretary.
R. P. Spencer, General Counsel.
J. D. Lindsay, Asst. General Counsel.
J. L. Harrop, Chief Engineer.
T. J. Murphy, Chief Accountant.
C. B. Bee, Chief Rate Clerk.
R. E. Duffy, Elec. Lt., Gas & Water Expert
W. W. Johnson, Telephone Expert. 50

Montana, R. R. and Public Service Commission

Helena.

Daniel Boyle, Chairman
Lee Dennis
J. E. McCormick
} Commissioners.

W. J. Haynes, Secretary.
Thos. J. Hefling, Auditor.
James H. Bonner, Engineer.
H. B. Schaefer, Rate Clerk 50

National Association of Railway and Utility Commissioners

49 Lafayette St., New York, N. Y.

Walter A. Shaw of Illinois, President.
James A. Perry of Georgia, 1st V. Pres.
Carl D. Jackson of Wisconsin, 2nd V. Pres.
James B. Walker, 49 Lafayette St., New York, N. Y., Secretary.
Next convention, November 9, 1920, Washington, D. C. 129

Nebraska State Railway Commission

Lincoln.

H. G. Taylor, Chairman
Thos. L. Hall,
T. A. Browne
} Commissioners.

John E. Curtiss, Secretary.
B. E. Forbes, Chief Engr.
Hugh LaMaster, Counsel. ★50

Public Service Commission of Nevada

Carson City.

J. F. Shaughnessy, Chairman
J. G. Scrugham
W. H. Simmons, Reno
} Commissioners.

H. D. Sammis, Secretary.
F. O. Broili, Chief Engr.
Fred W. Feldt, Rate Expert. ★50

New Hampshire Public Service Commission

Concord.

Wm. T. Gunnison, Chairman
Thos. W. D. Worthen
John W. Storrs.
} Commissioners.

Walter H. Timm, Clerk
Mary A. Nawn, Asst. Clerk. 50

New Jersey, Board of Public Utility Commissioners of

State House, Trenton.

John W. Slocum, President
Geo. F. Wright.
Andrew Gaul, Jr.
Harry L. Knight
} Commissioners.

Alfred N. Barber, Sec. ★50

New Mexico, State Corporation Commission of

Santa Fe.

Hugh H. Williams, Chairman
J. M. Luna
Bonifacio Montoya
} Commissioners.

A. L. Morrison, Clerk.

New York, Public Service Commission of the State of

FIRST DISTRICT — Official address, 49 Lafayette St., New York.

(Utilities operating in Greater New York.)

Lewis Nixon, Commissioner.
Morgan T. Donnelly, Chas. V. Halley, Jr., Alfred M. Barrett } Deputy Commissioners.
Terence Farley, Counsel.
James B. Walker, Sec. ★50

SECOND DISTRICT—Official address, 58 North Pearl St., Albany.

(Utilities operating outside of Greater New York.)

Chas. B. Hill, Chairman
Frank Irvine
John A. Barhite
Geo. R. Van Namee
Joseph A. Kellogg. } Commissioners.
Ledyard P. Hale, Counsel, Canton.
Francis X. Disney, Albany, Secretary.
Francis E. Roberts, Asst. Sec.
Edward C. McEntee, Executive Clerk.
H. C. Hasbrouck, Chief, Division of Statistics & Accounts, Troy.
E. J. Cheney, Albany, Chief Engr. Div. Lt., Ht. & Pwr.
C. A. Volz, Assistant Engineer.
C. R. Vanneman, Albany. Chief Div. Steam R. R.
C. R. Barnes, Rochester, Chief Inspector, Elec. R. R.
W. E. Griggs, Albany, Chief Div. Tariffs.
E. E. Rogers, Albany, Chief Div. Teleg. and Telep. ★50

North Carolina, Corporation Commission of

Raleigh.

W. T. Lee, Chairman
George P. Pell,
A. J. Maxwell. } Commissioners.
R. O. Self, Clerk.
W. G. Womble, Rate Clerk. 50

North Dakota, Board of Railroad Commissioners of

Bismarck.

S. J. Aandahl, Litchville, Pres.
C. F. Dupuis
Frank Milhollan } Commissioners.
J. H. Calderhead, Secretary.
Leota Hendershott, Chief Clerk.
Fred Bremier, Director, Division of Utilities.
E. H. Morris, Engineer.
J. B. Adams, Accountant.
V. E. Swart, Rate Expert. ★50

Ohio, The Public Utilities Commission of

State Office Bldg., Columbus.

Charles C. Marshall, Chairman
Beecher W. Waltermire.
Byron M. Clen Deming } Commissioners
G. C. Maxwell, Secretary.
E. H. Hanna, Statistician and Auditor.
D. E. Butler, Supt. Bureau of Rates and Service.
D. S. Archer, Asst. Secretary.
T. E. Green, Telephone Expert.
L. G. White, Electrical Expert.
E. E. Corn, Attorney. 50

Oklahoma Corporation Commission

Oklahoma City.

Art. L. Walker, Waurika, Chairman
Campbell Russell, Warner
R. E. Echols, Elk City } Commissioners.
P. E. Glenn, Secretary.
L. Bennett, Rate Expert.
H. W. Hubenthal, Telephone Engr.
A. I. Thompson, Engineer.
E. B. Johnston, Gas & Elec. Engr.
E. G. Grimes, Auditor. 129

Oregon, Public Service Commission of

Salem.

Fred. G. Buchtel, Chairman
F. A. Williams
H. H. Corey } Commissioners.
W. P. Ellis, Acct'g. Sec.
C. J. Green, Chief Engineer.
T. C. Davies, Rate Clerk. ★50

Pennsylvania, Department of Internal Affairs, Bureau of Railways of The Commonwealth of

Harrisburg.

James F. Woodward, Sec. of Internal Affairs.
F. C. Gerberich, Ch. Bureau of Rys.
Thomas B. T. Baldwin, Asst. Ch. Bureau of Rys. 50

Pennsylvania, The Public Service Commission of The Commonwealth of

Harrisburg.

William D. B. Ainey, Montrose, Chairman
Sam'l M. Clement, Jr.
S. Ray Shelby
John S. Rilling, Erie
James S. Benn
Milton J. Brecht, Lancaster } Commissioners.
John G. Hopwood, Act'g. Sec.
Berne H. Evans, Counsel.
John Fox Weiss, Asst. Counsel, Harrisburg.
George A. Wood, Marshal.
John P. Dohoney, Investigator of Accidents.
F. Herbert Snow, Chief, Bureau of Engineering.
Paul E. Fickenscher, Chief, Bureau of Rates and Tariffs.
R. F. Busher, Chief, Bureau of Accounts and Statistics.
E. M. Vale, Chief, Bureau of Public Convenience. ★50

Porto Rico, Public Service Commission of

San Juan.

Pablo Berga Acting Secretary. ★50

Rhode Island, Public Utilities Commission of

Room 128 StateHouse, Providence.

William C. Bliss, East Providence, Chairman
Samuel E. Hudson, Woonsocket.
Robert F. Rodman, North Kingstown. } Commissioners.
John W. Rowe, Secretary.
Geo. A. Carmichael, Special Agent. ★50

South Carolina R. R. Commission

Columbia.

Frank W. Shealy, Chairman
H. H. Arnold
James Cansler } Commissioners.
J. P. Darby, Secretary 50

South Dakota R.R. Commissioners

Pierre.

J. J. Murphy, Chairman
J. W. Raish
D. H. Brisbine. } Commissioners.

H. A. Ustrud, Secretary.
Oliver E. Sweet, Counsel for Bd.
Ross Miller, Engr. R. R. & Telep.
L. R. Bitney, Statistician. $6

Tennessee Railroad and Public Utilities Commission

Nashville.

B. A. Enloe, Chairman
H. H. Hannah } Commissioners.
Geo. N. Welch
(Miss) Willie Fields, Secretary
J. O. Hendley, Rate Clerk. $0

Texas, Railroad Commission of

Austin.

Allison Mayfield, Chairman. }
Earle B. Mayfield. } Commissioners.
C. E. Gilmore. }
E. R. McLean, Secretary
R. D. Parker, Civil Engineer.
W. E. Fitz Gerald, Expert Accountant.
O. D. Hudnall, Expert Rate Clerk. $0

Utah, Public Utilities Commission of

Salt Lake City.

Joshua Greenwood, President }
Henry H. Blood } Commissioners.
Warren Stoutnour }
T. E. Banning, Secretary. $0

Vermont, Public Service Commission of The State of

Brattleboro.

Walter A. Dutton, Hardwick, Chairman }
William R. Wagner, Vergennes } Commissioners.
Eli Porter, Wilmington }
Neil D. Clawson, Clerk, Brattleboro. $0

Virginia, State Corporation Commission of

Richmond.

Wm. A. Rhea, Chairman }
Alexander Forward } Commissioners.
Berkley D. Adams }
E. T. Wilson, Clerk.
J. C. Dickerman, Electrical Engineer. $0

Washington, The Public Service Commission of

Olympia.

E. V. Knykendall, Chairman }
Hance H. Cleland } Commissioners.
Frank R. Spinning }
J. H. Brown, Secretary
O. O. Calderhead, Rate Expert.
H. J. Flagg, Chief Engineer
R. M. Burgunder, Asst. Atty. $0

West Virginia, The Public Service Commission of

Charleston.

George R. C. Wiles, Chairman }
Edgar G. Rider } Commissioners.
Ernest D. Lewis }
R. B. Bernheim, Secretary.
Charles O. Wolfes, Asst. Sec. ★$0

Wisconsin Railroad Commission

Madison.

Carl D. Jackson, Chairman. }
Henry R. Trumbower } Commissioners.
John S. Allen. }
C. D. Secheverell, Sec. $0

Wyoming, Board of Equalization & Public Service Commission of the State of

Cheyenne.

Claude L. Draper, Chairman }
Maurice Grosbon } Commissioners.
H. M. Huntington }
E. N. Crowley, Secretary $0

NUMBER OF ONE-MAN CARS OWNED OR ON ORDER AS OF JULY 15, 1920

Reprinted from the ELECTRIC RAILWAY JOURNAL for May 29, 1920, but brought up to July 15, by means of additions and corrections submitted from a number of sources

New England States

Name of Company	Safety Cars—New	Safety Cars—Rebuilt	Other Types
Connecticut			
Bristol & Plainville Trmy	1	....	....
Connecticut Co. (The)	104	....	5
Danbury & Bethel St. Ry	12	....	....
Lordship Ry. Co	1	....	....
Total—4	118	....	5
Maine			
Androscoggin & Kennebec Railway Co	24	....	....
Bangor Ry. & Elec. Co	27	....	....
Biddeford & Saco R. R	8	....	....
Knox County Electric Co	3	....	....
Portland R. R	28	4	....
Total—5	90	4	....
Massachusetts			
Berkshire St. Ry	58	....	....
Boston Elevated Ry	31	....	....
Brockton & Plymouth St. Ry	6	....	....
Concord, Maynard & Hudson St. Ry	4	....	....
Connecticut Vy. St. Ry	....	1	....
Eastern Mass. St. Ry. Co	201	1	....
Medway & Dedham St. Ry	4	....	....
Middlesex & Boston St. Ry	6	4	....
Milford, Attleboro & Woonsocket St. Ry	....	2	....
Norton & Taunton St. Ry	....	2	....
Springfield St. Ry	10	....	....
Worcester & Warren St. Ry	1	....	1
Worcester Consolidated St. Railway	10	....	....
Total—13	331	10	1
New Hampshire			
Concord & Manchester Elec. Br	12	....	....
Laconia St. Ry	2	....	....
Nashua St. Ry	8	....	....
Portsmouth Elec. Branch of Boston & Maine R. R	....	8	....
Total—4	22	8	....
Rhode Island			
Newport & Providence Ry	5	3	....
Vermont			
Barre & Montpelier Trac. Co	2	....	....
Rutland Ry. & Light Co	1	....	....
Total—2	3	....	....
Group Total—29	569	25	6

North of the Ohio and Potomac and East of the Mississippi River

District of Columbia			
Washington Ry. & Elec. Co	....	6	....
Illinois			
Alton, Granite & St. Louis Trac. Co	....	(a)	(a)
Aurora, Elgin & Chicago R. R	40	....	....
Cairo Ry. & Lt. Co	....	....	11
Central Illinois Pub. Service	10	....	14
Centralia & Central City Trac. Co	2	....	....
Centralia Trac. Co	2	....	....
Chicago & Joliet Elec. Ry	....	7	....
Chicago, No. Shore & Milwaukee R. R	10	....	....
Chicago, Ottawa & Peoria Ry	1	....	1
Decatur Ry. & Lt. Co	20	....	13
E. St. Louis & Suburban Ry	1	....	7
E. St. Louis Ry	2	....	....
Freeport Ry. & Lt. Co	3	1	7
Galesburg & Kewanee Elec. Railway	....	....	5
Galesburg Ry. & Ltg. Co	20	....	....
Jacksonville Ry. & Lt. Co	....	....	7
Kankakee Elec. Co	....	....	10
Northern Illinois Lt. & Trac. Company	....	....	6
North Kankakee Elec. Lt. & Railway	....	....	2
Pekin Municipal Ry	3	....	2
Peoria Ry	20	....	....

Name of Company	Safety Cars—New	Safety Cars—Rebuilt	Other Types
Quincy Ry.	25	1	5
Rockford & Interurban Ry.	12	....	....
Springfield Consolidated Ry.	17	7	....
Sterling, Dixon & Eastern Elec. Ry.	....	....	7
St. Louis & E. St. Louis Elec. Railway	....	2	....
Urbana & Champaign Ry. Gas & Elec. Co.	6	....	2
Total—28	194	24	99
Indiana			
Beech Grove Trac. Co.	3	....	....
Central Indiana Ltg. Co.	5	....	3
Chicago, So. Bend & No. Indiana Trac. Co.	40	....	....
Evansville & Ohio Valley Ry. Co.	3	....	....
Gary & Hobart Trac. Co.	....	2	....
Gary St. Ry.	20	....	....
Indiana Ry. & Lt. Co.	10	....	2
Indiana Service Corp.	....	....	65
Louisville & Northern Ry. & Lighting Co.	....	....	(a)
Louisville & Southern Indiana Ry.	10	....	....
Public Utilities Co.	8	20	3
Terre Haute Trac. & Lt. Co.	63	....	16
Union Traction Co. of Indiana	....	....	13
Vincennes Traction Co.	7	....	....
Washington St. Ry.	3	....	....
Total—15	172	22	102
Maryland			
Hagerstown & Frederick Ry.	3	....	....
Towson & Cockeysville Elec. Railway	....	....	1
United Rys. & Electric Co. of Baltimore	33	....	9
Total—3	36	....	10
Michigan			
Adrian St. Ry.	....	....	4
Benton Harbor-St. Joe Ry. & Lt. Co.	4	....	....
Detroit United Ry.	10	....	38
Escanaba Trac. Co.	....	....	1
Grand Rapids Ry.	19	....	....
Houghton County Trac. Co.	2	2	....
Ironwood & Bessemer Ry.	....	....	8
Manistee Railway	....	....	4
Menominee & Marinette Lt. & Trac. Co.	....	....	23
Michigan Railways	36	....	....
Muskegon Trac. & Lt. Co.	6	....	....
Saginaw-Bay City Ry.	40	63	....
Total—12	117	65	78
New Jersey			
Jersey Central Trac. Co.	....	....	3
Morris County Trac. Co.	14	....	....
Penn. & N. J. Trac. Co.	11	....	2
Public Service Ry.	200	....	7
Salem & Penns Grove Trac. Company	6	....	....
Trenton & Mercer County Trac. Corp.	60	....	....
Total—6	291	....	12
New York			
Batavia Trac. Co.	....	....	(a)
Binghamton Ry.	25	16	....
Brooklyn City Ry.	98	....	....
Brooklyn Rapid Transit Co.	200	....	....
Buffalo & Lake Erie Trac. Co.	....	....	2
Corning & Painted Post St. Railway	....	....	4
Elmira Water, Lt. & R. R. Co.	7	....	....
Empire State R. R.	6	....	8
Geneva, Seneca Falls & Auburn R. R.	2	....	....
International Ry.	....	....	8
New York & Stamford Ry.	7	....	....
Ogdensburg St. Ry.	....	....	7
Orange County Trac. Co.	3	2	....
Peekskill Ltg. & R. R. Co.	6	....	4
Putnam & Westchester Trac. Company	....	....	2
Third Ave. Ry. System	....	75	50
Westchester St. Ry.	6	....	....
Total—17	360	93	85
Ohio			
Ashtabula Rapid Transit Co.	....	3	....
Chillicothe Elec. R. R. & Light Co.	....	4	....
Cincinnati, Georgetown & Portsmouth R. R.	1	....	....
Cincinnati, Milford & Blanchester Trac. Co.	3	....	....
Cleveland, Southwestern & Columbus Ry.	2	....	....

Name of Company	Safety Cars—New	Safety Cars—Rebuilt	Other Types
Columbus, Delaware & Marion Elec. Co	....	....	(a)
Columbus Ry., Lt. & Pwr. Co	....	....	5
Lake Shore Elec. Ry	5	....	....
Northern Ohio Trac. & Light Co	35	....	....
Penn. & Ohio Electric Co	32	....	10
Richland Public Service Co	10	....	....
Toledo, Bowling Green & So. Trac. Co	5	....	....
Total—12	93	7	15
Pennsylvania			
Altoona & Logan Valley Elec. Ry	....	(a)	(a)
Beaver Valley Trac. Co	....	....	1
Butler Railways	7	....	2
Chambersburg & Shippensburg Ry	2	....	....
Citizens Traction Co	10	....	....
Coatesville Trolley Co	2	....	....
Corry & Columbus Trac. Co	2	....	....
Lancaster & York Furnace Street Ry	1	....	....
Lehigh Valley Transit Co	....	....	(a)
Montgomery Transit Co	....	....	3
Northwestern Pennsylvania Traction Co	6	....	4
Pennsylvania-Ohio Elec. Co	20	....	....
Philadelphia Rapid Transit Company	25	....	....
Reading Tr. & Lt. Co	12	3	....
Susquehanna Traction Co	5	....	....
Tarentum, Brackenridge & Butler St. Ry	....	....	1
Trenton, Bristol & Philadelphia Trac. Co	6	....	....
Warren St. Ry	6	....	....
West Penn Railways	....	2	....
Woodlawn & Southern St. Railway	4	....	....
Total—20	108	5	11
Wisconsin			
Beloit Traction Co	6	....	....
Eastern Wis. Electric Co	15	....	20
Janesville Trac. Co	5	....	4
LaCrosse & Onalaska St. Ry	....	....	1
Madison Railways	5	4	....
Milwaukee Electric Ry. & Light Co	51	....	5
Wisconsin Public Service Co	16	....	....
Wisconsin Ry. Lt. & Pwr. Co	....	11	....
Wisconsin Trac. Light, Heat & Power Co	3	....	....
Wisconsin Valley Elec. Co	3	4	8
Total—10	104	19	38
Group Total—123 (b)	1475	235	450
South of the Ohio and Potomac and East of the Mississippi River.			
Alabama			
Alabama Power Co	6	....	2
Birmingham Ry. Lt. & Power Co	35	....	....
Mobile Lt. & R. R. Co	10	....	....
Montgomery Lt. & Trac. Co	10	....	....
Selma Trac. Co	....	....	7
Total—5	61	....	9
Florida			
Miami Beach Elec. Co	10	....	....
Miami Trac. Co	3	....	....
Pensacola Elec. Co	....	....	(a)
St. Petersburg Municipal Ry	6	....	....
Tampa Elec. Co	53	....	1
Total—5	72	....	1
Georgia			
Albany Transit Co	....	....	1
Athens Ry. & Elec. Co	6	....	10
City & Suburban Ry	....	....	7
Columbus R. R	17	....	12
Rome Ry. & Lt. Co	....	....	14
Savannah Elec. Co	....	....	(a)
Total—6	23	....	44
Kentucky			
Henderson Trac. Co	....	....	7
Kentucky Trac. & Ter. Co	....	....	(a)
Louisville Ry. Co	....	....	11
Owensboro City R. R	....	....	12
Paducah Trac. Co	....	....	(a)
Total—5	....	....	30

Name of Company	Safety Cars—New	Safety Cars—Rebuilt	Other Types
North Carolina			
Carolina Pwr. & Lt. Co	15	....	....
Fayetteville Trac. Co	5	....	....
Durham Traction Co	....	....	11
North Carolina Public Service Company	15	....	6
Piedmont & Northern Ry	....	....	1
Piedmont Pwr. & Lt. Co	....	....	2
Southern Public Utilities Co	42	....	8
Tidewater Power Co	20	....	2
Total—8	97	....	30
South Carolina			
Charleston Consol. Ry. & Lighting Co	10	....	5
Tennessee			
Citizens Railway	....	....	2
Jackson Ry. & Lt. Co	3	....	18
Knoxville Ry. & Lt. Co	....	....	(a)
Nashville Ry. & Lt. Co	46	....	3
Tennessee Coal & Iron Co	2	....	....
Total—5	51	....	23
Virginia			
Blue Ridge Lt. & Pwr. Co	4	....	....
Charlottesville & Albemarle Ry	....	....	7
Virginia Ry. & Pwr. Co	80	....	....
Total—3	84	....	7
West Virginia			
Charleston-Dunbar Trac. Co	4	....	....
Monongahela Vy. Trac. Co	9	....	....
Ohio Valley Elec. Ry	....	....	(a)
Princeton Power Co	....	....	1
West Virginia Trac. & Elec. Company	3	....	....
Wheeling Trac. Co	....	2	....
Total—6	16	2	1
Group Total—44 (b)	414	2	150
West of the Mississippi River.			
Arizona			
Douglas Trac. & Lt. Co	1	....	6
Tucson Rapid Transit Co	....	....	4
Total—2	1	....	10
Arkansas			
Ft. Smith Lt. & Trac. Co	9	....	....
Hot Springs St. Ry	7	....	24
Little Rock Ry. & Elec. Co	....	....	5
Pine Bluff Co. (The)	....	....	12
Southwestern Gas & Elec. Co	4	....	8
Total—5	20	....	49
California			
Central California Trac. Co	....	....	4
Glendale-Montrose Ry	3	....	....
Fresno Traction Co	19	....	8
Humbolt Transit Co	....	....	5
Los Angeles Ry. Corp	45	....	....
Pacific Electric Ry	69	....	8
Pacific Gas & Electric Co	4	....	....
Peninsula Railway Co	5	....	....
Sacramento Northern Elec. Railroad	2	....	....
Sacramento Railway Co	6	....	....
San Diego Elec. Ry. Co	....	....	14
San Francisco-Oakland Ter. Railways	12	....	....
San Jose Railroads	22	....	13
Stockton Elec. R. R	20	....	....
Union Traction Co	....	5	....
Total—15	207	5	47
Colorado			
Arkansas Valley Ry. Light & Power Co	....	....	(a)
Colorado Springs & Interurban Ry	35	....	1
Denver & So. Platte Ry	2	....	....
Grand River Valley Ry	....	....	(a)
Greeley & Denver R. R	....	....	3
Ft. Collins Municipal Ry	4	....	....
Trinidad Elec. Trans. Ry. & Gas Co	....	....	8
Western Lt. & Power Co	....	....	....
Total—8	41	....	16

Name of Company	Safety Cars — New	Safety Cars — Rebuilt	Other Types
Iowa			
Cedar Rapids & Marion City Railway	20	....	25
Charles City-Western Ry	....	....	2
Clinton, Davenport & Muscatine Ry	....	....	20
Clinton St. Ry	....	....	21
Duquesne Elec. Co	....	....	8
Ft. Dodge, Des Moines & So. R. R.	....	....	1
Iowa Ry. & Lt. Co	7	....	14
Iowa Southern Utilities Co	....	....	(a)
Keokuk Elec. Co	....	5	....
Mason City & Clear Lake Railway	5	2	....
Mississippi Vy. Elec. Co	1	....	9
Oskaloosa Trac. & Lt. Co	1	....	6
Ottumwa Ry. & Lt. Co	21	....	....
Peoples Gas & Elec. Co	6	....	....
Sioux City Service Co	25	....	7
Waterloo, Cedar Falls & Northern Ry	....	....	27
Total—16	86	7	140
Kansas			
Arkansas Valley Int. Ry	1	....	....
Atchinson Ry., Light & Power Co	3	....	8
Hutchinson Interurban Ry	5	....	3
Kansas City Western Ry	....	....	6
Kansas Elec. Utilities Co	....	....	14
Manhattan City & Interurban Ry	....	....	5
Salina St. Ry	....	....	5
Topeka Ry. Co	17	....	38
Wichita R. R. & Lt. Co	25	....	....
Total—9	51	....	79
Louisiana			
Alexandria Munic. St. Ry	3	....	....
Baton Rouge Elec. Co	8	....	6
Monroe St. Ry	....	....	3
New Orleans Ry. & Lt. Co	40	....	....
Shreveport Rys	....	9	....
Total—5	51	9	9
Minnesota			
Duluth St. Ry	6	....	2
St. Cloud Public Service Co	2	....	6
Total—2	8	....	8
Missouri			
Cape Girardeau-Jackson Interurban Ry	....	....	6
City Light & Trac. Co	8	....	....
Jefferson City Bridge & Transit Co	....	....	6
Kansas City Rys. Co	78	....	....
St. Joseph Ry., Light & Power Co	12	....	8
St. Louis Water Works Ry	2	....	....
Springfield Traction Co	30	....	4
Union Depot-Bridge & Terminal Co	8	....	....
Total—8	138	....	24
Mississippi			
Delta Elec. Light, Power & Mfg. Co	....	....	7
Hattiesburg Traction Co	....	....	7
Jackson Lt. & Trac. Co	....	....	10
Meriden Light & Ry. Co	....	....	15
Vicksburg Lt. & Trac. Co	8	....	5
Total—5	8	....	44
Montana			
Great Falls St. Ry	....	....	23
Helena Lt. & Ry	7	....	....
Missoula St. Ry	....	13	....
Total—3	7	13	23
Nebraska			
Lincoln Traction Co	34	....	2
Omaha & Council Bluffs St. Railway	5	....	....
Omaha, Lincoln & Beatrice Railway	3	....	1
Total—3	42	....	3
New Mexico			
City Electric Co	....	....	7

Name of Company	Safety Cars—New	Safety Cars—Rebuilt	Other Types
North Dakota			
Grand Forks St. Ry	6	....	....
Oklahoma			
Bartlesville Interurban Ry	....	....	5
Enid City Ry	....	....	10
Oklahoma Railway	....	10	....
Oklahoma Union Ry	13	....	....
Pittsburgh County Ry	6	....	....
Tulsa St. Ry	6	6	9
Total—6	25	16	24
Oregon			
Pacific Pwr. & Lt. Co	3	....	....
Portland Ry. Lt. & Pwr. Co	25	....	11
Total—2	28	....	11
South Dakota			
Aberdeen Railroad	4	....	12
Sioux Falls Trac. Systems	6	....	1
Total—2	10	....	13
Texas			
Amarillo St. Ry	....	....	5
Austin St. Ry	20	....	16
Beaumont Trac. Co	10	20	....
Corpus Christi Ry. & Lt. Co	....	....	10
Dallas Railway Co	14	....	....
Eastern Texas Elec. Co	14	....	14
El Paso Elec. Co	50	....	....
Galveston Elec. Co	27	....	....
Greenville Ry. & Lt. Co	....	....	7
Houston Elec. Co	50	24	....
Marshall Trac. Co	2	....	....
Northern Texas Elec. Co	75	15	....
Northern Texas Trac. Co	10	....	....
Paris Transit Co	....	....	8
Port Arthur Traction Co	8	....	....
San Antonio Pub. Serv. Co	11	....	13
South Western Trac. Co	....	....	(a)
Texas Elec. Ry. Co	18	10	....
Texas City St. Ry	....	....	2
Wichita Falls Trac. Co	9	....	....
Total—20	318	69	75
Utah			
Salt Lake & Utah R. R	....	....	1
Utah-Idaho Central R. R	18	....	....
Total—2	18	....	1
Washington			
Gray's Harbor Ry. & Lt. Co	6	....	....
Lewiston-Clarkson Transit Company	3	....	....
North Coast Power Co	3	1	(a)
Olympia Light & Power Co	....	7	....
Pacific Power & Light Co	3	....	5
Puget Sound International Railway & Power Co	18	....	4
Puget Sound Traction, Light & Power Co	104	....	8
Seattle & Rainier Vy. Ry. Co	7	....	....
Seattle Municipal Ry	10	29	....
Spokane & Eastern Ry. & Pwr. Co. and Inland Empire R. R. Co	....	....	8
Tacoma Ry. & Power Co	67	6	....
Walla Walla Vy. Ry. Co	....	....	5
Washington Wtr. Pwr. Co	....	....	85
Western Washington Pwr. Co	4	....	(a)
Yakima Vy. Transp. Co	....	....	8
Total—15	225	43	123
Group Total—130	1290	162	706
CANADA			
Brandon Municipal Ry	7	....	....
Calgary Municipal Ry. (e)	....	....	66
Cape Breton Elec. Co., Ltd	2	22	....
Edmonton Municipal St. Ry	....	....	(a)
Hydro-Electric Pwr. Com	4	....	....
Lethbridge Municipal Ry	9	....	4
Levis County Ry	26	2	4
Moncton Tramways, Electric & Gas Co., Ltd	....	....	5

Name of Company	Safety Cars New	Safety Cars Rebuilt	Other Types
Nova Scotia Tramway & Power Co., Ltd	48	....	....
Peterboro Radial Ry	2	....	....
Quebec Ry. Lt. & Pwr. Co	....	....	2
Sherbrooke Ry. & Pwr. Co	3	....	8
Three Rivers Trac. Co	12	....	9
Total—13	113	24	98
MEXICO and CUBA			
American Trading Co	6	....	....
Mexico Tramways Co	6	....	....
Matanzas (Cuba) Elec. Ry	15	....	....

(*a*) Details not available.

(*e*) McCauley type.

RECAPITULATION OF ONE-MAN CARS

	Companies	Safety Cars New	Safety Cars Rebuilt	Other Types	Cars
New England	29	569	25	6	600
North of Ohio and East of Mississippi River (*b*)	123	1,475	235	450	2,160
South of Ohio and East of Mississippi River (*b*)	44	414	2	150	566
West of Mississippi River (*c*)	130	1,290	162	706	2,158
Total United States	326	3,748	424	1,312	5,484
Canada (*d*)	13	113	24	98	235
Mexico and Cuba	3	27	....	....	27
Grand total	342	3,888	448	1,410	5,746

(*b*) Details not available for 6 companies.

(*c*) Details not available for 4 companies.

(*d*) Details not available for 1 company

ALPHABETICAL LIST

OF

Electric Railway Officials

IN THE

United States, Canada, Mexico and West Indies.

The figure following the name corresponds with the number of the railway with which the official is connected, as shown in the geographical list, and will be found under that number

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Aaron, Marcus..... 1196
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Abbott, G. M..... 349
Abbott, Jack..... 20
Abbott, W. D..... 1329
Abbott, W. M..... 1289
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Anderson, Walter E.. 536
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Bell, John..... 1076
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*Appleton Elec. Lt. & Pwr. Co., Appleton, Wisc.....1210
*Ardmore Electric Ry., Ardmore, Okla..... 863
Ardmore Railway Co., Ardmore, Okla..... 863
Ardmore & Llanerch Street Ry. Co., Upper Darby, Pa.....1025
*Ardmore St. Ry., Pittsburgh, Pa..... 990
Arkansas Valley Interurban Ry. Co., Wichita, Kans..... 345
Arkansas Valley Ry., Light & Power Co., Pueblo, Colo..... 90
Aroostook Valley R. R. Co., Presque Isle, Me..... 381
*Asbury Park & Sea Girt Electric R. R. Co., Asbury Park, N. J..... 585
*Ashaway & Westerly Ry. Co., Norwich, Conn..... 108
Asheville & East Tennessee R. R., Asheville, N. C..... 762
*Asheville Electric Co., Asheville, N. C..... 763
*Ashland & Centralia Electric Ry. Co., Mt. Carmel, Pa..... 962
Ashland Light, Power & Street Ry. Co., Ashland, Wis.....1211
Ashtabula & Lake Shore Ry., Ashtabula, O..... 782
Ashtabula Rapid Transit Co., Ashtabula, O..... 783
Atchison Ry., Light & Power Co., Atchison, Kans..... 328
*Athens Electric Ry. Co., Athens, Ga..... 132
Athens Ry. & Elec. Co., Athens, Ga..... 132
*Athol & Orange Street Ry. Co., Athol, Mass..... 398
Atlanta Northern Ry. Co., Atlanta, Ga 133
*Atlantic City & Ocean City R. R.Co., Atlantic City, N. J..... 586

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Atlantic City & Shore R. R. Co., Atlantic City, N. J..... 585
Atlantic Coast Electric Ry. Co., Asbury Park, N. J..... 585
Atlantic Shore Railway, Sanford, Me..... 384
*Atlantic Shore Line Ry., Sanford, Me..... 384
Atlantic & Suburban Ry. Co., Pleasantville, N. J..... 607
*Attleboro, No. Attleboro & Wrentham Street Ry., North Attleboro, Mass.....399a
Attleboro Branch R. R. Co., Attleboro, Mass..... 399
Auburn & Syracuse Electric R. R. Co., Auburn, N. Y..... 633
Augusta-Aiken Railway & Electric Corpn. of South Carolina, Augusta, Ga..... 135
*Augusta & Aiken Ry. Co., Augusta, Ga..... 135
*Augusta Ry. & Electric Co., Augusta, Ga..... 135
Aurora, Elgin & Chicago R. R. Co. (The), Aurora, Ill..... 162
*Aurora, Elgin & Chicago Ry. Co., Aurora, Ill..... 162
Aurora, Plainfield & Joliet Ry., Joliet, Ill..... 216
Austin Street Ry. Co., Austin, Tex.....1062

Babylon Railroad Co., Babylon, N. Y..... 624
Bakersfield & Kern Elec. Ry., Bakersfield, Cal..... 33
Baltimo e & Bel-Air Electric Ry. Co. (The), Bel-Air, Md..... 394
*Baltimore Belt R. R., Baltimore, Md..... 388
*Baltimore City Passenger Ry. Co., Baltimore, Md..... 390
*Baltimore Consolidated Ry. Co., Baltimore, Md..... 390
*Baltimore, Halethorpe & Elkridge Ry., Baltimore, Md..... 390
*Baltimore & Northern Electric Ry. Co., Baltimore, Md..... 390
Baltimore & Ohio R. R., Baltimore, Md..... 388
*Baltimore, Sparrows Point & Chesapeake Ry. Co., Baltimore, Md..... 390
*Baltimore & Washington Transit Co., Washington, D. C..... 117
Bamberger Elec. R. R. Co., Salt Lake City, Utah.....1129
*Bangor, Hampden & Winterport Ry., Bangor, Me..... 371
*Bangor & Northern R. R. Co., Bangor, Me..... 371
*Bangor, Orono & Old Town Ry. Co., Bangor, Me..... 371
Bangor & Portland Traction Co., Bangor, Pa..... 896
Bangor Railway & Electric Co., Bangor, Me..... 371
Barre & Montpelier Traction & Power Co., Montpelier, Vt.....1137
Barstow Management Assn., Inc., W. S., Boro of Manhattan, New York City...694a
Bartlesville Interurban Co., Bartlesville, Okla..... 864
*Bartlesville Inter-Urban Ry. Co., Bartlesville, Okla..... 864
Batavia Trac. Co., Inc., Batavia, N. Y..... 626
Baton Rouge Electric Co., Baton Rouge, La..... 362
Bay Shore R. R. Co., San Diego, Cal..... 55b
Bay Shore Street Ry. Co., Green Bay, Wis.....1217
*Bay State Street Ry. Co., Boston, Mass..... 401
*Bay State Street Railway Co., Newport, R. I.....1047
Beaumont Traction Co., Beaumont, Tex.....1088
*Beaver Valley Street Ry., New Brighton, Pa..... 963
Beaver Valley Traction Co., New Brighton, Pa..... 963
*Beaver & Vanport Electric Street Ry., New Brighton, Pa..... 963
Beech Grove Traction Co., Beech Grove, Ind..... 351
*Bellaire-Southwestern Trac. Co., Wheeling, W. Va.....1206
Bellows Falls & Saxton's River Street Ry. Co., Bellows Falls, Vt.....1132
Beloit Traction Co., Beloit, Wis.....1212
Belt Line Railway Corporation, Boro. of Manhattan, New York City..... 674
*Ben Avon & Emsworth St. Ry. Co., Pittsburgh, Pa..... 990
*Bennington & North Adams Street Ry. Co., Bennington, Vt.....1132
Benton & Fairfield Ry. Co., Fairfield, Me..... 374
Benton Harbor-St. Joe Ry. & Light Co., Benton Harbor, Mich..... 474
*Bergen Turnpike Co., Newark, N. J.....602a
*Berkeley Traction Co., Oakland, Cal..... 52
*Berkley St. Ry., Berkley, Va.....1142
Berkshire Street Ry. Co., Pittsfield, Mass..... 450
*Berlin & Northern Ry. Co. (The), Kitchener, Ont., Can.....1207a
Berlin Street Ry. Co., Berlin, N. H..... 570
Berwick & Nescopeck Street Ry. Co., Berwick, Pa..... 896
*Bethany Traction Co., Lincoln, Nebr..... 562
Bethlehem & Nazareth Passenger Ry. Co., Allentown, Pa..... 893
*Bethlehem & South Bethlehem Street Ry. Co., Allentown, Pa..... 893
Biddeford & Saco R. R. Co., Biddeford, Me..... 370
*Biloxi Electric Ry. & Power Co., Gulfport, Miss..... 519
Binghamton Railway Co., Binghamton, N. Y..... 629
*Birdsbro Street Ry. Co., Reading, Pa.....1004
Birmingham & Edgewood Electric Ry. Co., Birmingham, Ala..... 2b
*Birmingham, Ensley & Bessemer R. R., Birmingham, Ala..... 3
Birmingham Ry., Light & Power Co., Birmingham, Ala..... 4
Birmingham-Tidewater Ry. Co., Birmingham, Ala..... 3
*Birmingham-Tuscaloosa Ry. & Utilities Co., Tuscaloosa, Ala..... 15
Black River Traction Co., Watertown, N. Y..... 756
*Blacksville & Western Ry., Morgantown, W. Va.....1193
*Bloomington, Decatur & Champaign R. R., Peoria, Ill..... 223
*Bloomington & Normal Ry., Elec. & Htg. Co., Bloomington, Ill..... 165
Bloomington & Normal Ry. & Light Co., Bloomington, Ill..... 165
Bloomington, Pontiac & Joliet Ry. Co., Pontiac Ill..... 227
Blue Hill Street Ry. Co. (The), Canton, Mass..... 415
*Blue Ridge Light & Power Co., Staunton, Va.....1159
*Blue Ridge R. R., Waynesboro, Pa.....1081
Blue Ridge Traction Co., Danielsville, Pa..... 914
Blue Valley Ry., Kansas City, Mo..... 534
*Boise Railroad Co., Ltd., Boise, Idaho..... 152
Boise Railway Co., Boise, Idaho 152

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

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*Boston & Chelsea R. R. Co., Boston, Mass..... 401
Boston Elevated Railway Co., Boston, Mass..... 402
Boston & Maine R. R. (Portsmouth Elec. Branch), Portsmouth, N. H..... 584
Boston & Maine R. R., Boston, Mass.....403, 445
Boston, Revere Beach & Lynn R. R., Winthrop, Mass..... 469
*Boston & Revere Electric St. Ry. Co., Boston, Mass..... 401
Boston Suburban Electric Companies, Newtonville, Mass..... 443
Boston & Worcester Electric Companies, Boston, Mass..... 405
Boston & Worcester Street Ry. Co., Boston, Mass..... 404
*Boyertown & Pottstown Ry. Co. (The), Boyertown, Pa.....1004
Brandon Municipal Ry., Brandon, Man., Can.....1244
Brantford & Hamilton Electric Ry., Hamilton, Ont., Can.....1262
Brantford Munic. Ry., Brantford, Ont., Can.....1255
*Brantford Street Ry. Co., Brantford, Ont., Can.....1255
*Brattleboro Street Ry. Co., Brattleboro, Vt.....1134
*Brazil Rapid Transit Co., Terre Haute, Ind..... 293
*Bridgeport & Danbury Elec. Ry., Danbury, Conn..... 98
Bridge Operating Co., Boro of Brooklyn, New York City..... 666
Bridgeton & Millville Traction Co., Bridgeton, N. J..... 588
*Bridgeton Rapid Transit Co., Bridgeton, N. J..... 588
Bridgetown Tramway Co., Ltd., Bridgetown, Barbados.....1326
Bristol & Norfolk Street Ry. Co., Randolph, Mass.....454a
Bristol & Plainville Tramway Co. (The), Bristol, Conn..... 95
Bristol Traction Co., Bristol, Tenn.....1064
British Columbia Electric Ry. Co., Ltd., Vancouver, B. C., Can..1242-(1240, 1241, 1243)
Brockton & Plymouth Street Ry. Co., Plymouth, Mass..... 451
*Bronx Traction Co., Boro of Bronx, New York City..... 665
Brooklyn City R. R. Co., Boro of Brooklyn, New York City.....666a
*Brooklyn Heights R. R. Co., Boro of Brooklyn, New York City..... 667
*Brooklyn, Queens County & Suburban R. R., Boro of Brooklyn New York City.. 667
Brooklyn Rapid Transit Co., Boro of Brooklyn, New York City..... 667
*Brooklyn Union Elevated R. R. Co., Boro of Brooklyn, New York City..... 667
Brownsville Street & Interurban Railroad Co., Brownsville, Texas.....1085
*Brownsville St. Ry. Co., Pittsburgh, Pa..... 991
Brunswick Terminal & Railway Securities Co., Boro. of Manhattan, New York City 695
Bryan & Central Texas Interurban Ry. Co., Bryan, Tex.....1086
Bryan & College Interurban Ry. Co., Bryan, Texas.....1087
*Bucks County Interurban Ry. Co., Trenton, N. J..... 612
*Buffalo, Bellevue & Lancaster Ry. Co., Buffalo, N. Y..... 634
Buffalo & Depew Ry. Co., Buffalo, N. Y..... 630
Buffalo & Lackawanna Traction Co., Buffalo, N. Y..... 631
Buffalo & Lake Erie Traction Co., Buffalo, N. Y..... 632
*Buffalo & Lockport Ry., Buffalo, N. Y..... 634
*Buffalo, Lockport & Rochester Ry. Co., Rochester, N. Y..... 739
*Buffalo & Niagara Falls Electric Ry., Buffalo, N. Y..... 634
*Buffalo Ry. Co., Buffalo, N. Y..... 634
*Buffalo Southern Ry. Co. (The), Buffalo, N. Y..... 633
*Buffalo, Tonawanda & Niagara Falls Electric R. R. Co., Buffalo, N. Y..... 634
*Buffalo Traction Co., Buffalo, N. Y..... 634
Buffalo & Williamsville Electric Ry. Co., Williamsville, N. Y..... 760
Burlington County Transit Co., Hainesport, N. J..... 594
Burlington Ry. & Light Co., Burlington, Ia..... 300
Burlington Traction Co., Burlington, Vt..... 1135
Bush Terminal R. R. Co., Brooklyn, N. Y..... 668
Butte, Anaconda & Pacific Ry. Co., Anaconda, Mont..... 553
Butte Electric Ry. Co., Butte, Mont..... 557
Byllesby Engineering & Management Corp., Chicago, Ill..... 189

*Cairo Electric & Traction Co., Cairo, Ill..... 166
Cairo Ry. & Light System, Cairo, Ill..... 166
*Cairo & St. Louis R. R. Co., Cairo, Ill..... 166
Calais Street Ry., Calais, Me..... 373
Caldwell Traction Co., Ltd., Caldwell, Idaho..... 154
Calgary Munic. Ry., Calgary, Alta., Can.....1235
*California-Pacific Ry. Co., Los Angeles, Cal..... 46
*California Ry., Oakland, Cal..... 52
California Ry. & Power Co., San Francisco, Cal..... 69
California Street Cable R. R. Co., San Francisco, Cal..... 61
Calumet & South Chicago Ry. Co., Chicago, Ill..... 172
*Camaguey Co., Ltd. (The), Camaguey, Cuba.....1327
*Camaguey Elec. Co. Ltd., (The) Camaguey, Cuba.....1327
*Camaguey Tramway Co., Ltd., Camaguey, Cuba.....1327
*Camden, Gloucester & Woodbury Ry. Co., Newark, N. J..... 602
*Camden Horse R. R. Co., Newark, N. J..... 602
*Camden & Suburban Ry. Co., Newark, N. J..... 602
*Campania de Gas y Elec. de la Habana, Havana, Cuba..... 1330
Canadian National Rys., Montreal, Que., Can.....1297
*Canadian Northern Ry. Co., The, (Montreal Tunnel & Terminals) Montreal, Que., Can.....1297
*Canarsie R. R. Co., Boro. of Brooklyn, New York City..... 667
*Canton-Akron Consolidated Ry. Co., Akron, O..... 779
*Canton-Akron Ry. Co., Akron, O..... 779
*Canton-New Philadelphia Ry. Co., Akron, O..... 779
Cape Breton Electric Co., Ltd., Sydney, N. S., Can.....1351
Cape Girardeau-Jackson Interurban Ry. Co., Cape Girardeau, Mo..... 528
Capital Traction Co., (The) Washington, D. C..... 114
Capital Traction Co., Oklahoma City, Okla..... 871
Capitol Car Line, Bismarck, N. D..... 775

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Chickasha Street Ry. Co., Chickasha, Okla. 865
Chillicothe Electric R. R. Light & Power Co., (The), Chillicothe, O. 786
*Choctaw Ry. & Ltg. Co., McAlester, Okla. 869
*Christiana & Coatesville Street Ry.Co., Lancaster, Pa. 946
Cienfuegos, Palmira & Cruces Ry. & Pwr. Co., Cienfuegos, S. C., Cuba. 1329
*Cincinnati, Covington & Erlanger Ry., Covington, Ky. 350
*Cincinnati, Dayton & Toledo Traction Co., Hamilton, O. 821
Cincinnati & Dayton Traction Co., Hamilton, Ohio. 821
*Cincinnati & Eastern Electric Ry. Co., Cincinnati, O. 793
Cincinnati, Georgetown & Portsmouth R. R. Co., Cincinnati, O. 788
*Cincinnati & Hamilton Trac. Co., Cincinnati, O. 794
Cincinnati, Lawrenceburg & Aurora Electric Street R. R. Co., Cincinnati, O. 789
Cincinnati, Milford & Blanchester Traction Co., Cincinnati, O. 790
*Cincinnati, Milford & Eastern Traction Co., Cincinnati, O. 790
*Cincinnati, Milford & Goshen Traction Co., Cincinnati, O. 790
Cincinnati, Newport & Covington Ry. Co. (The), Covington, Ky. 350
*Cincinnati-Northwestern Ry. Co., Hamilton, O. 821
*Cincinnati Street Ry., Cincinnati, O. 791
Cincinnati Traction Co. (The), Cincinnati, O. 791
Cities Service Co., Boro. of Manhattan, New York City 696
*Citizens' Electric Street Ry. Co., Haverhill, Mass. 427
*Citizens' Passenger Ry. Co., Norristown, Pa. 968
Citzens' Railway Co., Clarksville, Tenn. 1069
*Citizens' Railway Co., Springfield, O. 840
*Citizens' Ry., Lt. & Pwr. Co., Hampton, Va. 1145
*Citizens' R. R. Light & Power Co., Beacon, N. Y. 627
*Citizens' Traction Co., Oklahoma City, Okla. 871
Citizens' Traction Co. (The), Oil City, Pa. 969
City Electric Co., Albuquerque, New Mex. 619
*City Electric Ry. Co. (of Port Huron), Detroit, Mich. 479
*City & Elm Grove R. R. Co., Wheeling, W. Va. 1207
City Light & Traction Co. of Sedalia, Sedalia, Mo. 549
*City Ry. Co., Los Angeles, Cal. 46
*City Railway Co., Wheeling, W. Va. 1207
City Railway Co., Dayton, O. 806
*City & Suburban Ry. of Washington, Washington, D. C. 119
City & Suburban Ry. Co., Brunswick, Ga. 136
Clairton Street Ry. Co., Clairton, Pa. 911
*Clarksville & Dunbar Cave Ry. Co., Clarksville, Tenn. 1069
Claremont Railway & Lighting Co., Claremont, N. H. 573
Cleveland, Alliance & Mahoning Valley R. R., Ravenna, Ohio. 835a
Cleveland & Chagrin Falls Ry. Co. (The), Cleveland, O. 795
Cleveland & Eastern Traction Co., Cleveland, O. 796
*Cleveland Electric Ry. Co., Cleveland, O. 797
Cleveland & Erie Ry. Co., Girard, Pa. 927
Cleveland, Painesville & Eastern R. R. Co., Willoughby, O. 854
Cleveland Ry. Co. (The), Cleveland, O. 797
Cleveland, Southwestern & Columbus Ry. Co. (The), Cleveland, O. 798
*Cleveland, Youngstown & Eastern Ry. Co., Cleveland, O. 795
*Clifton Suspension Bridge Co., Buffalo, N. Y. 634
Clinton, Davenport & Muscatine Ry. Co., Davenport, Ia. 309
Clinton Street Ry. Co., Clinton, Ia. 306
Coal Belt Electric Ry. Co., Marion, Ill. 222
*Coal Castle Electric Ry. Co., Pottsville, Pa. 998
*Coatesville Traction Co., West Chester, Pa. 1032
Coatesville Trolley Co., Coatesville, Pa. 912a
Cohoes Ry. Co., Cohoes, N. Y. 638
*Coeur d'Alene & Spokane Ry. Co., Ltd., Spokane, Wash. 1175
Colfax Springs Ry., Colfax, Ia. 307
*College & Grandview Electric R. R., New Brighton, Pa. 963
*Collegeville Electric Street Ry. Co., Norristown, Pa. 968
*Colonial City Traction Co., Kingston, N. Y. 658
Colorado Springs & Cripple Creek District Ry. Co., Colorado Springs, Col. 82
Colorado Springs & Interurban Ry. Co., Colorado Springs, Colo. 81
*Colorado Springs Rapid Transit Co., Colorado Springs, Colo. 81
*Colorado Springs & Suburban Ry. Co., Colorado Springs, Colo. 81
*Columbia & Donegal Ry., Lancaster, Pa. 946
*Columbia Electric Street Ry., Light & Power Co., Columbia, S. C. 1057
Columbia Gas & Electric Co., Charleston, W. Va. 1186
*Columbia & Ironville Ry., Lancaster, Pa. 946
Columbia Railway, Gas & Electric Co., Columbia, S. C. 1057
*Columbian St. Ry. Co., Providence, R. I. 1052
*Columbus, Buckeye Lake & Newark Traction Co., Springfield, O. 839
Columbus, Delaware & Marion Elec. Co., Columbus, O. 800
*Columbus, Delaware & Marion Ry. Co., Cincinnati, O. 800
Columbus Electric Co., Columbus, Ga. 138
*Columbus, Grove City & Southwestern Ry. Co. (The), Springfield, O. 839
*Columbus & Lake Michigan R. R., Springfield, O. 839
*Columbus, London & Springfield Ry. Co. (The), Springfield, O. 839
Columbus, Marion & Bucyrus Ry. Co. (The), Marion, O. 828
Columbus, New Albany & Johnstown Traction Co., Columbus, O. 801
*Columbus, Newark & Zanesville Electric Ry. Co., Springfield, O. 839
Columbus R. R. Co., Columbus, Ga. 139
*Columbus Railway Co., Columbus, O. 802
*Columbus Ry. & Lt. Co., Columbus, O. 802
Columbus Ry., Light & Power Co., Columbus, Miss. 517
Columbus Ry., Power & Light Co., Columbus, O. 802
*Columbus Trac. Co., Columbus, O. 802
Columbus, Urbana & Western Electric Ry. Co. (The), Columbus, O. 803
Commonwealth Power, Railway & Light Co., Grand Rapids, Mich. 486

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foines City Ry. Co., Des Moines, Ia.....
it, Almont & Northern Railroad, Detroit, Mich.....
it & Highland Park R. R. Co., Detroit, Mich.....
it, Jackson & Chicago Ry., Detroit, Mich.....
oit & Lake St. Clair Ry., Detroit, Mich.....
it, Monroe & Toledo Short Line Ry. Co., Detroit, Mich.....
oit, Mount Clemens & Marine City Ry., Detroit, Mich.....
it & Port Huron Shore Line Ry. (Rapid Ry. System), Detroit, Mich.....
it River Tunnel Co., Detroit, Mich.....
it United Railway, Detroit, Mich.....
rty Operating Co., Boro. of Manhattan, New York City.....
nion Power & Transmission Co., Ltd., Hamilton, Ont., Can.....
nion Traction & Lighting Co., Kingsville, Ont., Can.....
las Traction & Light Co., Douglas, Ariz.....
r, Somersworth & Rochester St. Ry. Co., Dover, N. H.....
)ock, East Broadway & Battery R. R. Co., Boro. of Manhattan, New York City.
ois Traction Co., Du Bois, Pa.....
Bois Elec. & Trac. Co., Scranton, Pa.....
que Elec. Co., Dubuque, Ia.....
th Street Ry. Co. (The), Duluth, Minn.....
th-Superior Traction Co. (The), Duluth, Minn.....
ville, Welland Port & Beamsville Electric Ry., Welland Port, Ont., Can...
esne & Dravosburg Street Ry. Co., Duquesne, Pa.....
esne Incline Plane Co., Pittsburgh, Pa.....
ngo Ry. & Realty Co., Durango, Colo.....
am Traction Co., Durham, N. C.....

End Passenger Ry. Co., Williamsport, Pa.....
Liverpool Traction & Light Co., East Liverpool, O.....
McKeesport Street Ry. Co., Pittsburgh, Pa.....
Middlesex St. Ry. Co., Boston, Mass.....
Oakland Street R. R., Oakland, Cal.....
Omaha Street Ry. Co., Omaha, Neb.....
Reading Elec. Ry. Co., Reading, Pa.....
St. Louis, Columbia & Waterloo Ry., East St. Louis, Ill.....
St. Louis Interurban Elec. Ry. Co., East St. Louis, Ill.....
St. Louis Ry. Co., East St. Louis, Ill.....
St. Louis & Suburban Co., (The), East St. Louis, Ill.....
St. Louis & Suburban Co., East St. Louis, Ill.....
St. Louis & Suburban Ry. Co., East St. Louis, Ill.....
Shore & Suburban Ry. Co., Oakland, Cal.....
Side Traction Co., Syracuse, N. Y.....
Taunton Street Ry. Co., Taunton, Mass.....
Washington Heights Traction R. R. Co., Washington, D. C.....
rn Massachusetts Street Railway Co. (Bay State System) Boston, Mass. .. 40
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ern New York R. R. Co., Ballston, N. Y.....
ern Ohio Traction Co. (Cleveland & Eastern Div.), Cleveland, O.....
rn Pennsylvania Rys. Co., Pottsville, Pa.....
rn Texas Electric Co., Beaumont, Tex.....
rn Wisconsin Elec. Co., Sheboygan, Wis.....1229-(1
ern Wisconsin Ry. & Light Co., Sheboygan, Wis.....
on Consolidated Electric Co., Allentown, Pa.....
on, Palmer & Bethlehem Street Ry., Allentown, Pa.....
on & So. Bethlehem Transit Co. (The), Easton, Pa.....
n Transit Co., Easton, Pa.....
onton Munic. St. Ry., Edmonton, Alta., Can.....
nton Radial Railway, Edmonton, Alta., Can.....
h Avenue R. R. Co., Boro. of Manhattan, New York City.....676
ic Bond & Share Co., Boro. of Manhattan, New York City.....
tric City Ry. Co. of Niagara Falls (The), Buffalo, N. Y.....
ric Lt. & Ry. Dept. (Anaconda Copper Mining Co.), Anaconda, Mont.....
n. Aurora & Southern Traction Co., Aurora, Ill.....
& Belvidere Electric Co., Chicago, Ill.....
beth, New Brunswick & Trenton R. R. Co., Trenton, N. J.....
beth, Plainfield & Central Jersey Ry. Co., Newark, N. J.....
beth & Raritan River Street Ry. Co., Newark, N. J.....
beth & Trenton R. R. Co., Trenton, N. J.....
bethtown & Florin Ry., Lancaster, Pa.....
a, Corning & Waverly R. R., Waverly, N. Y.....
ra & Seneca Lake Traction Co., Elmira, N. Y.....
ra Transmission Co., Elmira, N. Y.....
a Water, Light & R. R. Co., Elmira, N. Y.....
wood Ave. & Tonawanda Electric Ry. Co., Buffalo, N. Y.....
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so & Juarez Traction Co., El Paso, Tex.....110
n & Co., Chicago, Ill.....
re State R. R. Corpn., Syracuse, N. Y.....
re State R. R. Corpn. (Oswego City Div.), Oswego, N. Y.....
ire United Rys., Inc., Syracuse, N. Y.....
oria Railway & Light Co., Lawrence, Kans.....
esa del Ferrocarril Urbano y Vecinal, Mazatlan, Sinaloa, Mex.....
City Ry., Enid, Okla.....
ata & Adamstown Ry., Lancaster, Pa.....
ta & Lebanon Street Ry. Co., Lebanon, Pa.....
ta & Lebanon Traction Co., Lebanon, Pa.....
& Central Pennsylvania Ry. Co., Titusville, Pa.....
ounty Traction Co., Buffalo, N. Y.....

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er follows, and will be found under that number.

*Compania Anonima de Alumbrado Electrico de Puebla, Puebla, Mex..... 1320
Compania del Ferrocarril " Ogarrio," Catorce, San Luis Potosi, Mex.....1321
*Compania de los Tranvias de Filipinas, Manila, P. I.....1042
Compania de Luz Fuerza y Ferrocarriles de Pachuca, Pachuca, Hidalgo, Mex...1314
*Compania de Luz y Fuerza "El Portezuelo," Puebla, Mex.....1323
Compania de Tranvias de Mexico, S.A. (Mexico Tramways Co.), Mexico City, Mex.1316
Compania de Tranvias de Nuevo Laredo, S.A. Nuevo Laredo, Tamaulipas, Mex....1323
Compania de Tranvias Luz y Fuerza Motriz Monterrey. Monterrey, Nuevo Leon, Mex.....1318
Compania de Tranvias, Luz y Fuerza de Puebla (Puebla Tramway, Lt. & Pwr. Co.), Puebla, Mex.....1320
Compania Electrica de Alumbrado y Traccion de Santiago, Santiago, Cuba.... 1333
Compania Electrica de Luz, Fuerza y Traccion de Tampico, S.A., Tampico, Tamaulipas, Mex.....1324
Compania Electrica y de Ferrocarriles de Chihuahua, S. A., Chihuahua, Mex.... 1311
*Compania Electridad y Tranvias de Aguascalientes, S. A., Aguascalientes, Mex.1310
Compania Hydroelectrica E'Irrigadora del Chapala, S. A., Guadalajara, Jalisco, Mex.....1315
*Compania Mexico de Traccion, Mexico City, Mex.....1316
Compania Productora y Abastecedora de Potencia Electrica S. A., Aguascali entes, Mex.....1310-(1316a)
*Compania Tranvias de Chihuahua, Chihuahua, Mex.....1311
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Concord, Maynard & Hudson Street Ry Co., Maynard, Mass..... 437
Conestoga Traction Co., Lancaster, Pa..... 946
Coney Island & Brooklyn R. R. Co. (The), Boro. of Brooklyn, New York City.. 669
*Coney Island & Gravesend Ry. Co., Boro. of Brooklyn, New York City..... 667
*Conneant & Erie Traction Co., Girard, Pa..... 927
Connecticut Co. (The), New Haven, Conn..... 103, (92, 93, 96, 99, 100, 101, 102, 104, 106a, 107, 110)
Connecticut Valley Street Ry. Co., Greenfield, Mass..... 424
*Conshohocken Ry. Co., Norristown, Pa..... 968
*Consolidated Railways, Light & Power Co., Wilmington, N. C..... 773
*Consolidated Traction Co. of New Jersey, Newark, N. J..... 602
*Consolidated Traction Co., Pittsburgh, Pa..... 990
*Consolidated Traction Co. of New Jersey, Newark, N. J..... 602
Conway Electric Street Ry. Co., Conway, Mass..... 419
*Coplay, Egypt & Ironton Street Ry. Co., Allentown, Pa..... 893
Corning & Painted Post Street Ry., Corning, N. Y..... 640
Cornwall Street Ry., Light & Power Co., Cornwall, Ont., Can.....1257
*Coronado R. R. Co. (Elec. Div.), San Diego, Cal..... 58
Corpus Christi Railway & Light Co., Corpus Christi, Tex.....1089
*Corpus Christi St. & Interurban Ry. Co., Corpus Christi, Tex.....1089
Corry & Columbus Trac. Co., Corry, Pa..... 913
*Corry & Columbus Street Ry. Co., Corry, Pa..... 913
Cortland County Traction Co. (The), Cortland, N. Y..... 641
*County Traction Co., Chicago, Ill..... 186
Crawford County Rys. Co., Meadville, Pa.....957a
*Crosstown Street Ry. Co. of Buffalo, Buffalo, N. Y..... 634
Cumberland County Power & Light Co., Portland, Me..... 879
*Cumberland Elec. Lt. & Pwr. Co., Nashville, Tenn.....1078
Cumberland Electric Ry. Co., Cumberland, Md..... 393
Cumberland Ry. Co., Carlisle, Pa..... 902
Cumberland Ry. & Pwr. Co., Raleigh, N. C..... 772
Cumberland & Westernport Electric Ry. Co., Cumberland, Md..... 394

*Dallas Consolidated Electric Street Ry. Co., Dallas, Tex.....1090
Dallas Ry. Co., The, Dallas, Tex.....1090
Dallas Southwestern Traction Co , Dallas, Tex.....1090a
Dallas Standard Traction Co., Dallas, Tex.....1091
Dallas Street Ry. Co., Dallas, Tex.....1092
Danbury & Bethel Street Railway Co., Danbury, Conn..... 98
*Danville, Champaign & Decatur Ry. & Lt. Co., Peoria, Ill..... 233
*Danville & Eastern Illinois Ry. Co., Danville, Ill..... 233
*Danville (Ky.), Lt., Pwr. & Trac. Co , St. Louis, Mo..... 548
*Danville & Southeastern Ry. Co., Danville, Ill..... 233
Danville Street Ry. & Light Co., Danville, Ill..... 196
Danville & Sunbury Transit Co., Danville, Pa..... 915
Danville Traction & Power Co., Danville, Va.....1144
*Danville, Urbana & Champaign Ry. Co., Peoria, Ill..... 233
*Dartmouth & Westport Street Ry., New Bedford, Mass..... 443
Dayton, Covington & Piqua Traction Co. (The), West Milton, O..... 858
*Dayton & Muncie Traction Co. (The), Springfield, O..... 839
*Dayton & Northern Traction Co. (The), Springfield, O..... 839
*Dayton, Springfield & Urbana Electric Ry. Co., Springfield, O..... 839
Dayton, Springfield & Xenia Southern Ry. Co., Dayton, O..... 807
Dayton Street Ry. Co. (The), Dayton, O..... 808
Dayton & Troy Electric Ry. Co., Dayton, O..... 809
Davton & Western Traction Co., Dayton, O..... 810
Decatur Ry. & Light Co., Decatur, Ill..... 196
*Deerfield & Utica R. R., Utica, N. Y..... 755
De Kalb-Sycamore & Interurban Traction Co., De Kalb, Ill..... 197
Delaware County & Philadelphia Electric Ry. Co., Clifton Heights, Pa..... 919
Delta Light & Traction Co., Greenville, Miss..... 519
Denver & Inter-Mountain R. R. Co. (The), Denver, Colo..... 83
Denver & Interurban R. R. Co. (The), Denver, Colo..... 84
*Denver & Northwestern Ry. Co., Denver, Colo..... 86
Denver & South Platte Ry. Co. (The), Denver, Colo..... 85
Denver Tramway Co. (The), Denver, Colo..... 85

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Des Moines City Ry. Co., Des Moines, Ia..... 312
Detroit, Almont & Northern Railroad, Detroit, Mich..... 475
Detroit & Highland Park R. R. Co., Detroit, Mich..... 476
Detroit, Jackson & Chicago Ry., Detroit, Mich..... 477
*Detroit & Lake St. Clair Ry., Detroit, Mich..... 479
Detroit, Monroe & Toledo Short Line Ry. Co., Detroit, Mich..... 478
*Detroit, Mount Clemens & Marine City Ry., Detroit. Mich..... 479
Detroit & Port Huron Shore Line Ry. (Rapid Ry. System), Detroit, Mich..... 479
Detroit River Tunnel Co., Detroit, Mich..... 481
Detroit United Railway, Detroit, Mich..... 480
Doherty Operating Co., Boro. of Manhattan, New York City..... 697
Dominion Power & Transmission Co., Ltd., Hamilton, Ont., Can..... 1263
Dominion Traction & Lighting Co., Kingsville, Ont., Can..... 1267
Douglas Traction & Light Co., Douglas, Ariz..... 17
Dover, Somersworth & Rochester St. Ry. Co., Dover, N. H..... 575
Dry Dock, East Broadway & Battery R. R. Co., Boro. of Manhattan, New York City. 676
Du Bois Traction Co., Du Bois, Pa..... 917
*Du Bois Elec. & Trac. Co., Scranton, Pa..... 1013
Dubuque Elec. Co., Dubuque. Ia..... 314
Duluth Street Ry. Co. (The), Duluth, Minn..... 503
Duluth-Superior Traction Co. (The), Duluth, Minn..... 505
Dunnville, Welland Port & Beamsville Electric Ry., Welland Port, Ont., Can... 1292
Duquesne & Dravosburg Street Ry. Co., Duquesne, Pa..... 919
Duquesne Incline Plane Co., Pittsburgh, Pa..... 985
Durango Ry. & Realty Co., Durango, Colo..... 87
Durham Traction Co., Durham, N. C..... 767

East End Passenger Ry. Co., Williamsport, Pa..... 1036
*East Liverpool Traction & Light Co., East Liverpool, O..... 815
*East McKeesport Street Ry. Co., Pittsburgh, Pa..... 990
*East Middlesex St. Ry. Co., Boston, Mass..... 401
*East Oakland Street R. R., Oakland, Cal..... 52
*East Omaha Street Ry. Co., Omaha, Neb..... 564
*East Reading Elec. Ry. Co., Reading, Pa..... 1004
East St. Louis, Columbia & Waterloo Ry., East St. Louis, Ill..... 199
*East St. Louis Interurban Elec. Ry. Co., East St. Louis, Ill..... 204
East St. Louis Ry. Co., East St. Louis, Ill..... 200
East St. Louis & Suburban Co., (The), East St. Louis, Ill..... 205
*East St. Louis & Suburban Co., East St. Louis, Ill..... 205
East St. Louis & Suburban Ry. Co., East St. Louis, Ill..... 201
*East Shore & Suburban Ry. Co., Oakland, Cal..... 52
*East Side Traction Co., Syracuse, N. Y..... 750
East Taunton Street Ry. Co., Taunton, Mass..... 462
East Washington Heights Traction R. R. Co., Washington, D. C..... 115
Eastern Massachusetts Street Railway Co. (Bay State System) Boston, Mass... 401, (412, 418, 420b, 423, 426, 430, 432, 434, 436, 453, 454b, 455, 463, 470)
*Eastern New York R. R. Co., Ballston, N. Y..... 625
*Eastern Ohio Traction Co. (Cleveland & Eastern Div.), Cleveland, O..... 796
Eastern Pennsylvania Rys. Co., Pottsville. Pa..... 998
Eastern Texas Electric Co., Beaumont, Tex..... 1084
Eastern Wisconsin Elec. Co., Sheboygan, Wis..... 1229-(1228)
*Eastern Wisconsin Ry. & Light Co., Sheboygan, Wis..... 1229
*Easton Consolidated Electric Co., Allentown, Pa..... 893
*Easton, Palmer & Bethlehem Street Ry., Allentown, Pa..... 893
*Easton & So. Bethlehem Transit Co. (The), Easton, Pa..... 920
Easton Transit Co., Easton, Pa..... 920
*Edmonton Munic. St. Ry., Edmonton, Alta., Can..... 1237
Edmonton Radial Railway, Edmonton, Alta., Can..... 1237
Eighth Avenue R. R. Co., Boro. of Manhattan, New York City..... 676a
Electric Bond & Share Co., Boro. of Manhattan, New York City..... 699
*Electric City Ry. Co. of Niagara Falls (The). Buffalo, N. Y..... 634
Electric Lt. & Ry. Dept. (Anaconda Copper Mining Co.), Anaconda, Mont..... 554
*Elgin, Aurora & Southern Traction Co., Aurora, Ill..... 162
Elgin & Belvidere Electric Co., Chicago, Ill..... 181
*Elizabeth, New Brunswick & Trenton R. R. Co., Trenton, N. J..... 614
*Elizabeth, Plainfield & Central Jersey Ry. Co., Newark, N. J..... 602
*Elizabeth & Raritan River Street Ry. Co., Newark, N. J..... 602
*Elizabeth & Trenton R. R. Co., Trenton, N. J..... 614
*Elizabethtown & Florin Ry., Lancaster, Pa..... 946
Elmira, Corning & Waverly R. R., Waverly, N. Y..... 643
*Elmira & Seneca Lake Traction Co., Elmira, N. Y..... 643
*Elmira Transmission Co., Elmira, N. Y..... 643
Elmira Water, Light & R. R. Co., Elmira, N. Y..... 643
*Elmwood Ave. & Tonawanda Electric Ry. Co., Buffalo, N. Y..... 634
El Paso Electric Co., El Paso. Tex..... 1102
El Paso Electric Ry. Co., El Paso. Tex..... 1100
*El Paso & Juarez Traction Co., El Paso, Tex..... 1100
*Elston & Co., Chicago, Ill..... 192
Empire State R. R. Corpn., Syracuse, N. Y..... 749
Empire State R. R. Corpn. (Oswego City Div.), Oswego, N. Y..... 780
*Empire United Rys., Inc., Syracuse, N. Y..... 749
*Emporia Railway & Light Co., Lawrence, Kans..... 338
Empresa del Ferrocarril Urbano y Vecinal, Mazatlan, Sinaloa, Mex..... 1322
Enid City Ry., Enid, Okla..... 866
*Ephrata & Adamstown Ry., Lancaster, Pa..... 946
Ephrata & Lebanon Street Ry. Co., Lebanon, Pa..... 948a
Ephrata & Lebanon Traction Co., Lebanon, Pa..... 948b
*Erie & Central Pennsylvania Ry. Co., Titusville, Pa..... 1022
Erie County Traction Co., Buffalo, N. Y..... 638

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Erie R. R. Co. (Rochester Elec. Div.), Rochester, N. Y. 740
Escanaba Traction Co., Escanaba, Mich. 482
Eureka Traction Co., Eureka Springs, Ark. 23
Evanston Ry. Co., Evanston, Ill. 206
*Evansville & Eastern Elec. Ry., Evansville, Ind. 262
*Evansville & Mt. Vernon Elec. Ry., Evansville, Ind. 262
Evansville & Ohio Valley Ry. Co., Evansville, Ind. 262
*Evansville Rys. Co., Evansville, Ind. 262
Evansville, Suburban & Newburgh Ry. Co., Evansville, Ind. 263
*Evansville Terminal Ry., Evansville, Ind. 262
*Everett Ry., Light & Water Co., Everett, Wash. 1166
Exeter, Hampton & Amesbury Street Ry., Exeter, N. H. 576
Exeter Railway & Lighting Co., Exeter, N. H. 576

Fairburn & Atlanta Ry. & Electric Co., Fairburn, Ga. 141
Fairchance & Smithfield Traction Co., Uniontown, Pa. 1024
Fairfax Incline Railroad Co., San Francisco, Cal. 63
Fairfield & Shawmut Railway, Fairfield, Me. 374a
Fairmount Park Transit Co., Philadelphia, Pa. 973
*Fairmount Park Transportation Co., Philadelphia, Pa. 973
Fallon Electric R. R. Co., Fallon, Nev. 567
Federal Light & Traction Co., Boro. of Manhattan, New York City. 700
Fernandina Munic. Ry., Fernandina, Fla. 123
Ferrocarril Electrico de Lerdo a Torreon, S. A., Gomez Palacio, Durango, Mex. 1313
Ferrocarril Electrico De Matanzas, S. A., Matanzas, Cuba 1332
*Ferrocarriles del Distrito, Federal de Mexico, Mexico, Mex. 1316
*Ferrocarril Industrial de Puebla, Puebla, Mex. 1320
*Ferrocarril Mineral de Chihuahua, Chihuahua, Mex. 1311
Ferrocarril Urbano de Colima, Colima, Mex. 1312
*Ferrocarril Urbana de Puebla, Puebla, Mex. 1320
*Finance & Holding Corporation, Boro. of Manhattan, New York City. 702
Fishkill Electric Ry. Co., Beacon, N. Y. 627
Fitchburg & Leominster Street Railway Co., Fitchburg, Mass. 421
Five Mile Beach Electric Ry. Co., Wildwood, N. J. 618
Fonda, Johnstown & Gloversville R. R. (Elec. Div.), Gloversville, N. Y. 648
Fort Collins Munic. Ry. Co., Fort Collins, Colo. 87a
Fort Dodge, Des Moines & Southern R. R. Co., Boone, Ia. 298
Fort Loramie Ry. Co., Fort Loramie, O. 816
Fort Madison Street Ry. Co., Fort Madison, Ia. 315
Fort Scott & Nevada Light, Heat, Water & Power Co. (The), Nevada, Mo. 540
Fort Smith Light & Traction Co., Fort Smith, Ark. 24
Fort Smith-Oklahoma Light & Traction Co., Fort Smith, Ark. 25
Fort Wayne & Decatur Trac. Co. (The), Decatur, Ind. 257
*Fort Wayne & Northern Indiana Traction Co., Fort Wayne, Ind. 266, (279, 287)
Fort Wayne & Northwestern Ry. Co., Kendallville, Ind. 277
*Fort Wayne & Springfield Ry. Co. (The), Decatur, Ind. 257
*Fort Wayne, Van Wert & Lima Trac. Co. (The), Springfield, O. 839
Fort William Electric Ry. (Munic.), Fort William, Ont., Can. 1258
*Fort Worth Southern Traction Co., Fort Worth, Tex. 1104
Forty-Second Street, Manhattanville & St. Nicholas Ave. Ry. Co. (The), Boro. of Manhattan, New York City. 677
Fostoria & Fremont Ry. Co. (The), Fostoria, O. 818
Fox & Illinois Union Ry., Aurora, Ill. 164
*Fox River Valley Electric Ry. Co., Appleton, Wis. 1210
Frankford, Tacony & Holmesburg St. Ry. Co., Philadelphia, Pa. 977
*Frankfort & Utica Street Ry., Utica, N. Y. 755
*Freedom & Conway Electric Street Ry., New Brighton, Pa. 963
*Freeport Ry. & Lt. Co., Freeport, Ill. 208
French Lick & W. Baden R. R. Co., French Lick, Ind. 267
*Fresno City Ry. Co., Fresno, Cal. 41
Fresno Interurban Railway Co., Fresno, Cal. 40
Fresno Traction Co., Fresno, Cal. 41
*Front & Fifth Street Ry. Co., Reading, Pa. 1004
*Front & Union Street Railway, Wilmington, Del. 113
*Frontier Electric Railway, Buffalo, N. Y. 634

Gadsden, Bellevue & Lookout Mountain Ry., Gadsden, Ala. 7
*Gadsden Ry. Co., Gadsden, Ala. 6
*Gainesville Ry. & Power Co., Gainesville, Ga. 124
Galesburg & Western R. R. Co., Galesburg, Ill. 226
Galesburg & Kewanee Electric Ry. Co., Kewanee, Ill. 221
Galesburg Railway, Lighting & Power Co., Galesburg, Ill. 220
Gallatin Valley Ry., Bozeman, Mont. 586
Gallipolis & Northern Traction Co. (The), Gallipolis, O. 820
Galveston Electric Co., Galveston, Tex. 1106
Galveston-Houston Electric Co., Galveston, Tex. 1108
Galveston-Houston Electric Ry. Co., Galveston, Tex. 1107
*Gardner, Westminster & Fitchburg Street Ry. Co., Athol, Mass. 396
Gary & Hobart Trac. Co., Gary, Ind. 269
*Gary & Interurban R. R. Co., Gary, Ind. 268
Gary & Southern Traction Co., Crown Point, Ind. 264
Gary St. Railway Co., Gary Ind. 268
General Gas & Electric Co. (The), Boro. of Manhattan, New York City. 701
Geneva, Seneca Falls & Auburn R. R. Co., Inc., Seneca Falls, N. Y. 747
*Georgetown & Tennallytown Ry. Co., Washington, D. C. 119
Georgia Light, Power & Railways, New York, N. Y. 701a
Georgia Ry. & Electric Co., Atlanta, Ga. 134
Georgia Ry. & Power Co., Atlanta, Ga. 134

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Hudson & Manhattan R. R. Co., Boro. of Manhattan, New York City..... 678
*Hudson, Pelham & Salem Street Ry. Co., Haverhill, Mass..... 427
Hudson River & Eastern Traction Co., Ossining, N. Y..... 799
Hudson Valley Ry. Co., Glens Falls, N. Y..... 646
Hull Electric Co., Hull, Que., Can..... 1295
Humboldt Transit Co., Eureka, Cal..... 39
Huntingdon, Lewistown & Juniata Valley Traction Co., Huntingdon, Pa..... 967
*Huntington, Ashland & Cattlettsburg Street Ry. Co., Huntington, W. Va..... 1190
Huntington R. R. Co., Huntington, N. Y..... 659
Hutchinson Inter-Urban Ry. Co. (The), Hutchinson, Kans..... 332
Hydro Electric Power Commission of Ontario, Guelph and Windsor Ont., Can..... 1261, 1293

Idaho Traction Co., Boise, Idaho..... 153a
Idlewylde Ry. Co., Baltimore, Md..... 388a
Illinois Central Electric Ry., Canton, Ill..... 167
*Illinois Central R. R., Evansville, Ind..... 202
*Illinois Central Traction Co., Peoria, Ill..... 233
*Illinois & Indiana Elec. Ry. Co., E. St. Louis, Ill..... 204
Illinois Light & Traction Co., Streator, Ill..... 246
Illinois Northern Utilities Co., Freeport, Ill..... 208
Illinois Traction System, Peoria, Ill..... 233
Indiana, Columbus & Eastern Traction Co., Cincinnati, O..... 702
Indiana County Street Ry. Co., Indiana, Pa..... 937a
*Indiana Harbor Line, Michigan City, Ind..... 283
*Indiana Ry. Co., South Bend, Ind..... 291
Indiana Rys. & Light Co., Kokomo, Ind..... 278
Indiana Service Corp., Ft. Wayne, Ind..... 266, 281, 287
Indianapolis & Cincinnati Traction Co., Indianapolis, Ind..... 271
*Indianapolis Coal Traction Co., Indianapolis, Ind..... 276
Indianapolis, Columbus & Southern Traction Co., Columbus, Ind..... 255
*Indianapolis, Crawfordsville & Danville Electric Ry. Co., Indianapolis, Ind..... 276
*Indianapolis & Eastern Ry. Co., Indianapolis, Ind..... 276
Indianapolis & Louisville Traction Ry. Co., Scottsburg, Ind..... 290
*Indianapolis & Martinsville Rapid Transit Co., Indianapolis, Ind..... 276
Indianapolis, New Castle & Eastern Traction Co., Anderson, Ind..... 242a
*Indianapolis & Northwestern Traction Co., Indianapolis, Ind..... 276
*Indianapolis, Shelbyville & Southeastern Traction Co., Indianapolis, Ind..... 271
Indianapolis Street Ry. Co., Indianapolis, Ind..... 274
*Indianapolis Traction & Terminal Co., Indianapolis, Ind..... 274
*Indianapolis & Western Ry. Co., Indianapolis, Ind..... 276
*Insular Ry. Co., Havana, Cuba..... 1330
Interborough-Consolidated Corporation, Boro. of Manhattan, New York City... 702
*Interborough-Metropolitan Co., Boro. of Manhattan, New York City..... 702
Interborough Rapid Transit Co., Boro. of Manhattan, New York City..... 679
Intercity Terminal Ry., Argenta, Ark..... 21
International Railway Co., Buffalo, N. Y..... 634
International Traction Co., Buffalo, N. Y..... 635
International Transit Co. (The), Sault Ste Marie, Ont., Can..... 1293
Interstate Consolidated Street Ry. Co., Attleboro, Mass..... 399a
Interstate Public Service Co., Indianapolis, Ind..... 275
Interstate Railways Co., Camden, N. J..... 590
*Interstate Street Ry. (of Providence, R. I.), Attleboro, Mass..... 399
Inter-Urban Railway, Des Moines, Ia..... 31
*Inter-Urban Railway Co., Des Moines, Ia..... 313
*Interurban Ry. Co., Helena, Ark..... 25
Interurban Ry. & Terminal Co., Cincinnati, O..... 793
*Interurban Terminal Co., Cincinnati, O..... 793
Iowa Railway & Light Co., Cedar Rapids, Iowa..... 302-(299, 319, 326)
Iowa Southern Utilities Co. Centerville, Ia..... 301
*Iowa Traction Co., Cedar Rapids, Ia..... 306
Iron River, Stambaugh & Crystal Falls St. Ry. Co., Iron River, Mich..... 492
Ironwood & Bessemer Railway & Light Co., Ironwood, Mich..... 490
Irwin-Herminie Traction Co.. (The), Irwin, Pa..... 933
Ithaca Trac. Corpn., Ithaca, N. Y..... 658

Jackson Light & Traction Co., Jackson, Miss..... 581
Jackson Ry. & Light Co., Jackson, Tenn..... 1070
*Jackson & Suburban Street R. R. Co., Jackson, Tenn..... 1070
Jacksonville Ry. & Lt. Co., Jacksonville, Ill..... 215
*Jacksonville St. Ry. Co., Jacksonville, Ill..... 215
Jacksonville Traction Co., Jacksonville, Fla..... 194
*Jamestown, Chautauqua & Lake Erie Ry. Co., Jamestown, N. Y..... 667
Jamestown St. Ry. Co., Jamestown, N. Y..... 666
Jamestown, Westfield & Northwestern R. R. Co., Jamestown, N. Y..... 667
Janesville Traction Co., Janesville, Wis..... 1219
Jefferson City Bridge & Transit Co., Jefferson City, Mo..... 532
*Jefferson County Traction Co., Beaumont, Tex..... 1084
Jefferson Traction Co., Punxsutawney, Pa..... 949
Jersey Central Traction Co., Keyport, N. J..... 597
*Jersey City, Hoboken & Paterson Street Ry. Co., Newark, N. J..... 602
Jersey Shore & Antes Fort R. R., Jersey Shore, Pa..... 939
Jersey Shore Electric Street Ry. Co., Jersey Shore, Pa..... 940
Johnson City Traction Corpn., Johnson City, Tenn..... 1071
*Johnstown Passenger Ry. Co., Johnstown, Pa..... 941
Johnstown & Somerset Ry., Somerset, Pa..... 1016
Johnstown Traction Co., Johnstown, Pa..... 941
*Joliet R. R. Co., Joliet, Ill..... 217
Joliet & Eastern Traction Co., Joliet, Ill..... 218
Joplin & Pittsburg Ry. Co., Pittsburg, Kans..... 341

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*Kanauga Traction Co., Gallipolis, O 820
Kanawha Trac. & Elec. Co., Parkersburg, W. Va 1197
*Kanawha Valley Traction Co., Charlestown, W. Va 1165
Kankakee Electric Ry. Co., Kankakee, Ill 219
Kankakee & Urbana Traction Co., Urbana, Ill 248
Kansas City, Clay County & St. Joseph Ry. Co., Kansas City, Mo 535
*Kansas City Elevated Ry. Co. (The), Kansas City, Mo 536
Kansas City, Kaw Valley & Western Ry. Co., Bonner Springs, Kans 329
Kansas City, Lawrence & Topeka Elec. R. R. Co., Kansas City, Mo 536a
Kansas City Railways Co. (The), Kansas City, Mo 536
Kansas City-Western Ry. Co. (The), Kansas City, Kans 337
*Kansas City & Westport Belt Ry. Co., Kansas City, Mo 536
Kansas Electric Utilities Co., Lawrence, Kan 331, 338
Kayderosa Railroad Corporation, Ballston, N. Y 625
Keene Electric Ry. Co., Keene, N. H 577
Kensington & Eastern R. R. Co., Chicago, Ill 188
Kensington Ry. Co., Kensington, Md 396
Kenton Traction Co., North Portland, Ore 882a
*Kentucky & Indiana Bridge & Ry. Co., New Albany, Ind 285
Kentucky Securities Corpn., (The) Philadelphia, Pa 980
Kentucky Traction & Terminal Co., Lexington, Ky 352
Kentucky Utilities Co., Somerset, Ky 360
*Keokuk Electric Ry. & Power Co., Keokuk, Ia 318
Keokuk Electric Co., Keokuk, Ia 318
Keystone Utilities Co., Scranton, Pa 1010
Key West Electric Co. (The), Key West, Fla 125
*Kingsbridge R. R., Boro. of Manhattan, New York City 689
*Kingston City R. R. Co., Kingston, N. Y 658
Kingston Consolidated R. R. Co., Kingston, N. Y 658
Kingston, Portsmouth & Cataraqui Electric Ry. Co., Kingston, Ont., Can 1266
Kitchener & Waterloo St. Ry. (Munic), Kitchener, Ont., Can 1267b
*Kittanning & Leechburg Railways Co., Pittsburgh, Pa 991
Knox County Electric Co., Rockland, Me 383
Knoxville Railway & Light Co., Knoxville, Tenn 1072
*Kokomo, Frankfort & Western Traction Co., Kokomo, Ind 278
*Kokomo, Marion & Western Traction Co., Kokomo, Ind 278
*Kokomo Public Utilities Co., Kokomo, Ind 276
*Kutztown & Fleetwood Street Ry. Co., Allentown, Pa 891

*Lackawanna Valley Traction Co., Scranton, Pa 1009
Lackawanna & Wyoming Valley R. R. Co. (Laurel Line), Scranton, Pa 1006
*Lackawanna & Wyoming Valley Rapid Transit Co., Scranton, Pa 1012
Laconia Street Ry. Co., Laconia, N. H 578
*La Crosse City Ry. Co., Winona, Minn 516
La Crosse & Onalaska St. Ry. Co., La Crosse, Wis 1221
La Fayette Service Co., La Fayette, Ind 279
Lake Charles Ry., Light & Water Works Co., Lake Charles, La 363
*Lake Erie, Bowling Green & Napoleon Ry. Co. (The), Fostoria, O 819
Lake Erie & Northern Ry., Galt, Ont., Can 1260
Lake Shore Electric Ry. Co., Cleveland, O 799
*Lakeside Ry. Co., Duluth, Minn 505
*Lancaster City Street Ry., Lancaster, Pa 946
*Lancaster & Columbia Ry., Lancaster, Pa 946
Lancaster County Ry. & Light Co., Lancaster, Pa 947
*Lancaster & Eastern Street Ry., Lancaster, Pa 946
*Lancaster & Lititz Ry., Lancaster, Pa 946
*Lancaster, Mechanicsburg & New Holland Ry., Lancaster, Pa 946
*Lancaster & Millersville Ry. Co., Lancaster, Pa 946
*Lancaster, Petersburg & Manheim Ry., Lancaster, Pa 946
*Lancaster & Quaryville Street Ry., Lancaster, Pa 946
Lancaster Street Railway Co., Millersville, Pa 959
Lancaster Traction & Power Co. (The), Lancaster, O 822
*Lancaster, Willow Street, Lampeter & Strasburg Ry., Lancaster, Pa 946
*Lancaster & York Furnace Street Ry. Co., Millersville, Pa 959
*Lansingburg & Cohoes R. R. Co., Albany, N. Y 622
*La Porte & Michigan City Ry. Co., South Bend, Ind 291
Laredo Electric & Ry. Co., Laredo, Tex 1113
Las Vegas Transit Co., Las Vegas, New Mex 620
*Latrobe-Hecla St. Ry. Co., Pittsburgh, Pa 991
*Latrobe Street Ry. Co., Pittsburgh, Pa 991
*Laurel Light & Ry. Co., Laurel, Miss 582
*Lawrence & Methuen Street Ry. Co., Haverhill, Mass 427
*Lawrence Ry. & Light Co., Lawrence, Kans 338
Lawton Ry. & Ltg. Co., Lawton, Okla 568
Lebanon-Thorntown Traction Co., Lebanon, Ind 280
*Lebanon Valley Street Ry. Co., Lebanon, Pa 949
Lehigh Pwr. Securities Corpn., Boro. of Manhattan, New York City 702a
Lehigh Traction Co., Hazleton, Pa 982
*Lehigh Valley Traction Co., Allentown Pa 893
Lehigh Valley Transit Co., Allentown, Pa 893
Lethbridge Municipal Ry., Lethbridge, Alta., Can 1288
Levis County Ry. (The), Levis, Que., Can 1296
*Lewisburg & Milton Ry. Co., Sunbury, Pa 1019
Lewisburg, Milton & Watsontown Passenger Ry. Co., Milton, Pa 960
Lewisburg & Ronceverte Electric Railway Co., Lewisburg, W. Va 1191
*Lewiston & Auburn Elec. Lt. Co., Lewiston, Me 376
Lewiston, Augusta & Waterville Street Ry., Lewiston, Me 377
Lewiston-Clarkston Transit Co., Clarkston, Wash 1165

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*Lewiston Connecting Bridge Co., Buffalo, N. Y. 634
*Lewiston & Youngstown Frontier Ry. Co., Niagara, Falls, N. Y. 724
Lewistown & Reedsville Electric Ry. Co. (The), Lewistown, Pa. 983
Light & Development Co. of St. Louis, St. Louis, Mo. 548
*Lima Electric Ry. & Light Co., Springfield, O. 839
*Lima, Findlay & Toledo Ry., Lima, O. 825
*Lima & Toledo Traction Co., Springfield, O. 839
Lincoln, Capitol Beach & Milford R. R. Co., Lincoln, Neb. 561
*Lincoln Elec. Ry. Co., Lincoln, Ill. 231a
Lincoln Munic St. Ry., Lincoln, Ill. 231a
*Lincoln Ry. & Htg. Co., Lincoln, Ill. 231a
Lincoln Traction Co. (The), Lincoln, Neb. 562
Linwood Street Ry. Co., Whitinsville, Mass. 468
Little Rock Ry. & Electric Co., Little Rock, Ark. 29
*Lockport & Olcott Ry., Buffalo, N. Y. 634
*Logan Rapid Transit Co., Ogden, Utah. 1127
London & Port Stanley Ry. (Munic.), The, London, Ont., Can. 1269
London Street Ry. Co., London, Ont., Can. 1270
Long Island Consolidated Electrical Cos. (The), Boro. of Queens, New York City. 716
Long Island Electric Ry. Co., Boro. of Queens, New York City. 717
Long Island Railroad (The), Boro. of Queens, New York City. 718
Longview & Junction Ry., Longview, Tex. 1114
Lookout Incline Ry. Co., Chattanooga, Tenn. 1067
Lookout Mountain Ry. Co., Chattanooga, Tenn. 1067
Lorain Street R. R. Co. (The), Lorain, O. 836
Lordship Railway (The), Bridgeport, Conn. 94
Lorraine Electric Ry. Co., Baltimore, Md. 389
*Los Angeles Interurban Ry. Co., Los Angeles, Cal. 48
Los Angeles & Mt. Washington Ry. Co., Los Angeles, Cal. 45
*Los Angeles-Pacific Co., Los Angeles, Cal. 48
*Los Angeles Ry. Co., Los Angeles, Cal. 46
Los Angeles Ry. Corpn., Los Angeles, Cal. 46
*Los Angeles & Redondo Ry. Co., Los Angeles, Cal. 48
Louisville & Interurban R. R. Co., Louisville, Ky. 353
Louisville & Northern Ry. & Lighting Co., New Albany, Ind. 285
Louisville Railway Co., Louisville, Ky. 354
Louisville & Southern Indiana Traction Co., New Albany, Ind. 286
Lowell & Fitchburg St. Ry. Co. (The), Ayer, Mass. 400
*Lowell & Pelham Street Ry. Co., Haverhill, Mass. 427
*Loyal Ry. Co., Seattle, Wash. 1178
Lycoming Improvement Co., Williamsport, Pa. 1036
Lykens Valley Ry. Co., Williamstown, Pa. 1040
*Lykens & Williams Valley Street Ry. Co., Williamstown, Pa. 1040
Lynchburg Traction & Light Co., Lynchburg, Va. 1146

*McKeesport & Irwin St. Ry. Co., Pittsburgh, Pa. 991
Macon Ry. & Light Co., Macon, Ga. 143
Madison Railways Co., Madison, Wisc. 1294
*Mahoning & Shenango Ry. & Light Co., Youngstown, O. 855
*Mahoning Valley Ry. Co. (The), Youngstown, O. 855
*Mahoning Valley Street R. R. Co., Punxsutawney, Pa. 999
Maine Railways, Light & Power Co., Portland, Me. 380
Manchester & Derry Street Ry., Manchester, N. H. 579
Manchester & Nashua Street Ry., Manchester, N. H. 580
Manchester Street Ry., Manchester, N. H. 581
Manchester Traction Light & Power Co., Manchester, N. H. 582
Manhattan Bridge Three-Cent Line, Borough of Brooklyn, New York City. 670
Manhattan City & Interurban Ry. Co., Manhattan, Kans. 359
Manhattan & Queens Traction Corpn., Boro. of Manhattan, New York City. 680
*Manhattan Ry. Co., Boro. of Manhattan, New York City. 679
Manila Electric R. R. & Light Corpn., Manila, P. I. 1042
Manistee Ry. Co., Manistee, Mich. 495
Manitowoc & Northern Traction Co., Manitowoc, Wis. 1295
Mankato Electric Traction Co., Mankato, Minn. 507
*Mansfield Public Utility & Service Co., Mansfield, O. 887
Marine Ry. Co. (The), Borough of Brooklyn, New York City. 671
Marion & Bluffton Traction Co., Bluffton, Ind. 253
Marquette City & Presque Isle Ry. Co., Marquette, Mich. 496
Marshall Traction Co., Marshall, Tex. 1115
*Marshalltown Light, Power & Ry. Co., Cedar Rapids, Ia. 302
Maryland Electric Railways Co. (The), Annapolis, Md. 387
*Maryland-Virginia Railway Co., Washington, D. C. 130
Mason City & Clear Lake R. R. Co., Mason City, Ia. 330
*Masontown-Morgantown St. Ry. Co., Pittsburgh, Pa. 991
Massachusetts Consolidated Rys., Greenfield, Mass. 425
Massachusetts Northeastern Street Ry. Co., Haverhill, Mass. 427
Mauch Chunk & Lehighton Transit Co., Mauch Chunk, Pa. 956
Maumee Valley Railways & Light Co., Toledo, O. 847
Mayaguez Tramway Co., Mayaguez, P. R. 1043
Maysville Public Service Co., Maysville, Ky. 356
Maysville Street R. R. & Transfer Co., Maysville, Ky. 356
Media, Glen Riddle & Rockdale Electric Street Ry. Co., Media, Pa. 959
Medway & Dedham St. Ry. Co., Westwood, Mass. 467
Memphis & Lake View Rv. Co., Memphis, Tenn. 1073
Memphis Street Ry. Co., Memphis, Tenn. 1074
*Menasha & Neenah Street Ry. Co., Neenah, Wis. 1310
Menominee & Marinette Light & Traction Co., Menominee, Mich. 497
*Mercer County Traction Co., Trenton, N. J. 616
Meridian Light & Ry. Co., Meridian, Miss. 523

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

*Merrill Ry. & Ltg. Co., Wausau, Wis. 1282
Mesaba Ry. Co., Virginia, Minn. 515
*Metropolitan Electric Street Ry. Co., Dallas, Tex. 1090
*Metropolitan Street Ry. Co., Kansas City, Mo. 536
Metropolitan West Side Elevated Ry. Co., Chicago, Ill. 184
*Mexico & San Diego Ry., San Diego, Cal. 56
Mexico Tramways Co., Mexico, Mex. 1316
Miami Traction Co., Miami, Fla. 126
*Miami Valley Ry. Co., Dayton, O. 809
Michigan Central R. R. (Detroit River Tunnel Co.), Detroit, Mich. 481
*Michigan City Electric Co. (Ry. Dept.), South Bend, Ind. 291
*Michigan City Traction Co., South Bend, Ind. 291
Michigan Gas & Elec. Co., Ishpeming, Mich. 492
Michigan Railroad Co., Kalamazoo, Mich. 494
Michigan Railroad Co., Jackson, Mich 492a
Michigan United Rys. Co., Jackson, Mich. 493
Middlesex & Boston Street Ry., Newtonville, Mass. 444
*Middletown, Highspire & Steelton Street Ry. Co., Harrisburg, Pa. 931
Middle West Utilities Co., Chicago, Ill. 193
Milford, Attleboro & Woonsocket Street Ry. Co.. Milford, Mass. 438
*Milford, Holliston & Framingham Street Ry. Co., Milford, Mass. 439
Milford & Uxbridge Street Ry. Co., Milford, Mass. 436
Military Post Street R. R., Burlington, Vt. 1186
Mill Mountain Incline, Inc., Roanoke, Va. 1157
Millville Traction Co., Millville, N. J. 599
Milwaukee Electric Ry. & Light Co., Milwaukee, Wis. 1227
*Milwaukee & Fox River Valley Ry., Sheboygan, Wis. 1229
Milwaukee Northern Ry. Co., Cedarburg, Wis. 1213
Mineral Heights St. Ry. Co., Greenville, Tex. 1110
Minneapolis, Anoka & Cuyuna Range Ry. Co., Minneapolis, Minn. 508
Minneapolis, Northfield & Southern Ry., Minneapolis, Minn. 509
*Minneapolis, St. Paul, Rochester & Dubuque Elec. Trac. Co., Minneapolis, Minn. 509
*Minneapolis & St. Paul Suburban R. R. Co. (The), Minneapolis, Minn. 510
*Minneapolis Street Ry. Co., Minneapolis, Minn. 510
Minnesota Northwestern Electric Ry. Co., Thief River Falls, Minn. 514
*Minnetonka & White Bear Navigation Co., Minneapolis, Minn. 510
*Minster & Loramie Ry. Co., Ft. Loramie, O. 817
Mississippi Valley Electric Co., Iowa City, Ia. 316
Mississippi Valley Ry. & Pwr. Co., Rock Island, Ill. 244
Missoula St. Ry. Co., Missoula, Mont. 560
Missouri Elec. R. R., St. Louis, Mo. 542
Missouri & Kansas Interurban Ry. Co. (The), Kansas City, Mo. 537
Mobile Light & R. R. Co.. Mobile, Ala. 9
Mobile & Pensacola Ry. & Navigation Co., Mobile, Ala. 10
*Mobile, Volanta & Pensacola R. R. Co., Mobile, Ala. 10
Moline, Rock Island & Eastern Traction Co., Moline, Ill. 225
Moncton Tramways, Electricity & Gas Co.. Ltd., Moncton, N. B., Can. 1247a
Monmouth County Electric Co., Red Bank, N. J. 609
*Monongahela & Ohio R. R. Co., Morgantown, W. Va. 1193
*Monongahela Street Ry. Co., Pittsburgh, Pa. 990
Monongahela Valley Traction Co., Fairmont, W. Va. 1187
Monroe Street Ry. (Munic.), Monroe, La. 365
*Monroe Traction Co., Detroit, Mich. 478
Montana Pwr. Co., Great Falls, Mont. 558
*Montandon & Mifflinsburg Ry., Milton, Pa. 960
Monterey & Pacific Grove Ry. Co., Monterey, Cal. 49
*Monterrey Ry. Light & Power Co., Monterrey, N. L., Mex. 1318
*Montgomery & Chester Electric Ry. Co., Pottstown, Pa. 997
*Montgomery County Passenger Ry. Co., Norristown, Pa. 968
Montgomery Light & Traction Co., Montgomery, Ala. 11
Montgomery Transit Co., Norristown, Pa. 966
Montoursville Passenger Ry. Co., Montoursville, Pa. 961
Montreal & Southern Counties Ry. Co., Montreal, Que., Can. 1298
Montreal Tramways Co., Montreal, Que., Can. 1299
Montreal Tramways & Power Co., Montreal, Que., Can. 1300
Moose Jaw Electric Ry. Co., Ltd. (The), Moose Jaw, Sask., Can. 1306
Morgantown & Wheeling Ry. Co., Morgantown, W. Va. 1193
*Morningside Electric Street Ry. Co., Pittsburgh, Pa. 990
Morris County Traction Co. (The), Morristown, N. J. 600
Morris R. R. Co., Morristown, N. J. 601
Mount Beacon-on-Hudson Association, Beacon, N. Y. 628
*Mount Carmel & Locust Gap Traction Co., Mt. Carmel, Pa. 962
Mount Penn Gravity R. R. Co., Reading, Pa. 1001
Mt. Manitou Park & Incline Ry. Co. (The), Colorado Springs, Colo. 80
Mt. Mansfield Electric R. R. Co., Stowe, Vt. 1141
*Mt. Tom R. R. Co., Holyoke, Mass. 429
*Mt. Washington Street Ry. Co., Pittsburgh, Pa. 990
*Mousam River Ry., Sanford, Me. 384
Muncie, Hartford & Ft. Wayne Ry. Co., Muncie, Ind. 284
Muncie & Portland Traction Co. (The), Portland, Ind. 289
Municipal Ry. of San Francisco, San Francisco, Cal. 64
Municipal Street Railway, Alexandria, La. 361
Municipal Service Co., Philadelphia, Pa. 981a
Murphysboro Electric Ry., Light, Heat & Power Co., Murphysboro, Ill. 228
Murphysboro & Southern Illinois Ry., Murphysboro, Ill. 228a
Muskegon Traction & Lighting Co., Muskegon, Mich. 498
Muskogee Electric Traction Co., Muskogee, Okla. 870

Nahant & Lynn Street Ry. Co., Lynn, Mass. 435

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*Narragansett Pier R. R. Co., Providence, R. I. 1052
*Nashville-Gallatin Interurban Ry., Nashville, Tenn. 1076
Nashville Interurban Ry., Nashville, Tenn. 1077
Nashville Ry. & Light Co., Nashville, Tenn. 1078
Nashville Traction Co., Nashville, Tenn. 1079
Nassau County Ry. Co. (The), Sea Cliff, L. I., N. Y. 746
*Nassau Electric R. R. Co., Boro. of Brooklyn, New York City 667
*National Railroad of Mexico Catorce, San Luis Potosi, Mex. 1321
National Properties Co., Philadelphia, Pa. 981
National Utilities Co., Boro. of Manhattan, New York City 702b
Nelson Street Ry Co., Ltd., (Munic.), Nelson, B. C., Can. 1239
Nevada County Traction Co., Grass Valley, Cal. 43
Nevada Interurban Ry. Co., Reno, Nev. 569
*Nevada Water, Light & Traction Co., Nevada, Mo. 540
Neversink Mountain Ry. Co., Reading, Pa. 1002
*New Albany Street Ry., New Albany, Ind. 286
*Newark & Granville Street Ry., Springfield, O. 839
*Newark & South Orange Ry. Co., Newark, N. J. 602
*New Bedford & Fairhaven Street Ry., New Bedford, Mass. 442
New Bedford & Onset Street Ry. Co., New Bedford, Mass. 441
New Bern-Ghent Street Ry. Co., New Bern, N. C. 770
New Brunswick Pwr. Co., St. John, N. B. Can. 1248
*Newburgh City Line, Newburgh, N. Y. 662
*Newburgh & Orange Lake Line, Newburgh, N. Y. 662
*New Castle Electric Street Ry. Co., Youngstown, O. 855
New Castle & Lowell Ry. Co., New Castle, Pa. 964
*New Castle & Lowell Realty Co., Youngstown, O. 855
*New Castle & Mahoningtown Street Ry. Co., Youngstown, O. 855
*New Castle Traction Co., Youngstown, O. 855
Newell Bridge & Ry. Co. (The), Newell, W. Va. 1196
*Newell Street Ry. Co. (The), Newell, W. Va. 1196
New England Investment & Security Co., Springfield, Mass. 459a
New Hampshire Electric Railways, Haverhill, Mass. 428
*New Holland, Blue Ball & Terre Hill Street Ry. Co., Lancaster, Pa. 946
*New Jersey & Hudson River Ry. & Ferry Co., Newark, N. J. 602
New Jersey & Pennsylvania Traction Co., Trenton, N. J. 618
*New London & East Lyme St. Ry. Co., Norwich, Conn. 106
*New Midland Power & Traction Co. (The), Coshocton, O. 805a
*New Orleans & Carrollton R. R., Light & Power Co., New Orleans, La. 368
*New Orleans City R. R. Co., New Orleans, La. 368
*New Orleans & Pontchartrain R. R. Co., New Orleans, La. 368
New Orleans Railway & Light Co., New Orleans, La. 368
New Paltz, Highland & Poughkeepsie Traction Co., New Paltz, N. Y. 663
Newport County Electric Co., Newport, R. I. 1047
Newport News & Hampton Ry., Gas & Elec. Co., Hampton, Va. 1145
*Newport News & Old Point Ry. & Electric Co., Newport News, Va. 1145
Newport & Providence Ry. Co., Newport, R. I. 1048
*Newtonville & Watertown St. Ry., Newtonville, Mass. 444
New York Central R. R. (Elec. Div.), Boro. of Manhattan, New York City 682
New York City Interborough Ry. Co., Boro. of Manhattan, New York City 683
New York Connecting R. R. Co. (The), Boro. of Manhattan, New York City 684
*New York Consolidated R. R. Co., Boro. of Brooklyn, New York City 667
*New York & Long Branch R. R., Keyport, N. J. 597
New York & Long Island Traction Co. (The), Hempstead, N. Y. 649
*New York Municipal Ry. Corpn., Boro. of Brooklyn, New York City 667
New York, New Haven & Hartford R. R. (The), New Haven, Conn. 105
New York & North Shore Traction Co (The), Roslyn, N. Y. 743
New York & Queens County Ry. Co., Boro. of Queens, New York City 719
New York Railways Co., Boro. of Manhattan, New York City 685
New York & Stamford Ry. Co., Port Chester, N. Y. 786
New York State Railways (Oneida Lines), Oneida, N. Y. 728
New York State Railways (Rochester Lines), Rochester, N. Y. 741
New York State Railways (Syracuse Lines), Syracuse, N. Y. 750
New York State Railways (Utica Lines), Utica, N. Y. 755
New York, Westchester & Boston Ry., Boro. of Manhattan, New York City 686
*New York, Westchester & Boston Ry. Co., Boro. of Manhattan, New York City 686
*Niagara Falls Park & River Ry. Co., Buffalo, N. Y. 684
*Niagara Falls & Suspension Bridge Ry. Co., Buffalo, N. Y. 684
*Niagara Falls Suspension Bridge Co., Buffalo, N. Y. 684
*Niagara Falls, Wesley Park & Clifton Tramway Co., St. Catharines, Ont., Can. 1260
*Niagara Falls Whirlpool & Northern Ry., Buffalo, N. Y. 684
Niagara Gorge R. R. Co., Niagara Falls, N. Y. 724
Niagara Junction Ry. Co., Niagara Falls, N. Y. 724a
Niagara, St. Catharines & Toronto Ry. Co., St. Catharines, Ont., Can. 1260
Niagara Spanish Aerocar Co., Ltd., (The) Niagara Falls, Ontario, Can. 1271
Niagara, Welland & Lake Erie Ry. Co., Welland, Ont., Can. 1291
*Niles & Buchanan Ry. Co., So. Bend, Ind. 892
Ninth Avenue R. R. Co. (The) Boro. of Manhattan, New York City 686a
Nipissing Central Ry., No. Cobalt, Ont., Can. 1273
Norfolk & Bristol Street Ry. Co., Foxboro, Mass. 429
*Norfolk & Portsmouth Traction Co., Richmond, Va. 1156
*Norfolk Ry. & Light Co., Norfolk, Va. 1150
Norfolk Southern R. R., Norfolk, Va. 1149
Norfolk & Western Ry. Co. (Electric Div.), Bluefield, W. Va. 1183
*Norristown Pass. Ry. Co., Norristown, Pa. 966
Norristown Transit Co., Norristown, Pa. 967
North Alabama Traction Co., Albany, Ala. 1
North American Co. (The), Boro. of Manhattan, New York City 708
*Northampton Central Street Ry., Allentown, Pa. 892
Northampton, Easton & Washington Traction Co., Easton, Pa. 921

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Northampton Street Ry. Co., Northampton, Mass. 446
Northampton Traction Co., Easton, Pa. 922
North Branch Transit Co., Bloomsburg, Pa. 900
*North Canadian Valley Ry., Oklahoma City, Okla. 873
North Carolina Public Service Co. (The), Greensboro, N. C. 769
North Coast Pwr. Co., Vancouver, Wash. 1180
*North End Street Ry., Worcester, Mass. 471
Northern Cambria Street Ry. Co., Patton, Pa. 970
*Northern Eleectric Ry., Sacramento, Cal. 55a
*Northern Electric Street Ry. Co. (The), Scranton, Pa. 1008
Northern Illinois Light & Traction Co., Ottawa, Ill. 230
*Northern Indiana Ry. Co., South Bend, Ind. 291
Northern Massachusetts Street Ry. Co., Athol, Mass. 398
Northern Ohio Traction & Light Co., Akron, O. 779
Northern States Power Co. (Fargo & Moorhead Div.), Fargo, N. D. 777
Northern Texas Electric Co., Ft. Worth, Tex. 1105
Northern Texas Traction Co., Fort Worth, Tex. 1103
*Northern Virginia Pwr. Co., Frederick, Md. 395
*North Hudson Turnpike Co., Newark, N. J. 602
North Jersey Rapid Transit Co., Hohokus, N. J. 596
*North Jersey Street Ry. Co., Newark, N. J. 602
North Kankakee Electric Light & Ry. Co., Kankakee, Ill. 220
Northport Traction Co. (The), Northport, N. Y. 725
*North River Ry., Glens Falls, N. Y. 646
North Shore & Western Ry. Co., Chicago, Ill. 207
Northumberland County Ry. Co., Sunbury, Pa. 1018
*North West Utilities Co., Chicago, Ill. 198
Northwestern Elec. Service Co., Meadville, Pa. 957
Northwestern Elevated R. R. Co., Chicago, Ill. 185
Northwestern Ohio Railway & Power Co., Toledo, O. 848
Northwestern Pacific R. R. Co., San Francisco, Cal. 65
Northwestern Pennsylvania Railway Co., Meadville, Pa. 957
*Norton & Taunton Street Ry. Co., Norton, Mass. 448
Norton, Taunton & Attleboro St. Ry., Norton, Mass. 448
*Norway & Paris Street Ry. Co., Norway, Me. 378
*Norwich & Westerly Traction Co., Norwich, Conn. 108
Norwood, Canton & Sharon Street Ry., Sharon, Mass. 455a
Nova Scotia Tramways & Pwr. Co., Ltd., Halifax, N. S., Can. 1249

*Oakdale & McDonald St. Ry. Co., Pittsburgh, Pa. 991
*Oakland, Antioch & Eastern Ry., Oakland, Cal. 51
*Oakland Ry. Co., Oakland, Cal. 52
*Oakland, San Leandro & Hayward Ry. Co, Oakland, Cal. 52
*Oakland Traction Co., Oakland, Cal. 52
*Oakland Traction Consolidated, Oakland, Cal. 52
*Oakland Transit Co., Oakland, Cal. 52
Oakwood R. R. Co., Dayton, O. 811
Oakwood Street Ry. Co. (The), Dayton, O. 812
Ocean City Electric R. R. Co., Ocean City, N. J. 604
Ocean Electric Ry. Co., Boro. of Queens, New York City. 720
Ocean Shore R. R. Co., San Francisco, Cal. 66
*Ogden, Logan & Idaho Railway Co., Ogden, Utah. 1127
*Ogden Rapid Transit Co., Ogden, Utah. 1127
Ogdensburg Street Ry. Co., Ogdensburg, N. Y. 726
Ohio Electric Ry. Co. (The), Springfield, O. 824, 839
Ohio River Electric Ry. & Power Co. (The), Pomeroy, O. 834
*Ohio River Passenger Ry. Co., (The), East Liverpool, O. 815
Ohio Service Co. (The), Coshocton, O. 805a-(785, 814, 831a)
Ohio & Southern Traction Co. (The), Columbus, O. 804
Ohio Traction Co., (The), (Millcreek Valley Division), Cincinnati, O. 794
Ohio Valley Electric Ry. Co., Huntington, W. Va. 1190
*Ohio Valley Traction Co., Portsmouth, O. 835
Ohio & Western Utilities Co., Boro. of Manhattan, New York City. 705
*Oklahoma City Land & Dev. Co., Oklahoma City, Okla. 871
*Oklahoma Interurban Traction Co., Oklahoma City, Okla. 871
Oklahoma Ry. Co., Oklahoma City, Okla. 873
Oklahoma Union Ry. Co., Tulsa, Okla. 880
*Oklahoma Union Traction Co., Tulsa, Okla. 880
*Okmulgee Inter-Urban Ry. Co., Okmulgee, Okla. 874
Okmulgee Trac. Co., Okmulgee, Okla. 874
*Old Amelia Beach Co., Fernandina, Fla. 123
Oley Valley Ry. Co., Reading, Pa. 1008
Olympia Light & Power Co., Olympia, Wash. 1169
Omaha & Council Bluffs Ry. & Bridge Co., Council Bluffs, Ia. 808
Omaha & Council Bluffs Street Ry. Co., Omaha, Neb. 564
*Omaha, Council Bluffs & Suburban Street Ry. Co., Omaha, Neb. 564
Omaha, Lincoln & Beatrice Ry. Co., Lincoln, Neb. 563
Omaha & Lincoln Ry. & Light Co., Ralston, Neb. 566
Omaha & Southern Interurban Ry. Co., Omaha, Neb. 565
Ontario Light & Traction Co., Canandaigua, N. Y. 636
*Ontario & San Antonio Heights R. R. Co., Los Angeles, Cal. 48
Orange County Traction Co., Newburgh, N. Y. 662
*Orange & Passaic Valley Ry. Co., Newark, N. J. 602
Oregon Electric R. R. Co., Portland, Ore. 884
*Oregon Short Line Ry., Caldwell, Ida. 154
*Orleans-Kenner Electric Railway Co., New Orleans, La. 369
Orleans-Kenner Traction Co., New Orleans, La. 369
*Orleans R. R. Co., New Orleans, La. 368
Oshawa Ry. Co. (The), Oshawa, Ont., Can. 1274

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*Oshkosh-Neenah Interurban Line, Oshkosh, Wis. 1238
*Oshkosh Street Ry., Oshkosh, Wis. 1238
*Oshkosh & Omra Interurban Line, Oshkosh, Wis. 1238
Oskaloosa & Buxton Electric Ry. Co., Oskaloosa, Ia. 321
Oskaloosa Traction & Light Co., Oskaloosa, Ia. 322
*Otsego & Herkimer R. R. Co., Cooperstown, N. Y. 639
Ottawa Electric Ry. Co. (The), Ottawa, Ont., Can. 1276
Ottawa Trac. Co., Ltd., Ottawa, Ont., Can. 1277
Ottumwa Ry. & Light Co., Ottumwa, Ia. 326
Owensboro City R. R. Co., Owensboro, Ky. 357
Oxford Elec. Co., Norway, Me. 376
*Oxford, Westgrove & Avondale Street Ry. Co., Kennett Square, Pa. 944

Pacific Coast Ry. Co. (Elec. Div.), San Luis Obispo, Cal. 73
*Pacific Coast Pwr. Co., Seattle, Wash. 1172
*Pacific Electric Ry., Los Angeles, Cal. 48
Pacific Electric Ry. Co., Los Angeles, Cal. 48
Pacific Gas & Electric Co., Sacramento, Cal. 55
Pacific Northwest Traction Co. (Southern Div.), Seattle, Wash. 1171-(1167)
Pacific Northwest Traction Co. (Northern Div.), Bellingham, Wash. 1163
Pacific Power & Light Co., Astoria, Ore. 861
Pacific Traction Co., Tacoma, Wash. 1177
Paducah Electric Co., Paducah, Ky. 359a
*Paducah Traction & Light Co., Paducah, Ky. 359a
*Paducah Railway Co., Paducah, Ky. 359a
Panama Electric Co., Panama, Panama. 1336
Panama Trac. Co. Jamestown, N. Y. 667a
Pan-Handle Traction Co., Wheeling, W. Va. 1205
Paris Transit Co., Paris, Tex. 1116
*Parkersburg, Marietta & Interurban Ry. Co., Parkersburg, W. Va. 1197
*Park Point Traction Co., Duluth, Minn. 503
*Parkside Transit Co., San Francisco, Cal. 68
*Parsons Ry. & Light Co., Lawrence, Kans. 328
Patterson Heights Street Ry. Co., Beaver Falls, Pa. 897
Paul Smith's Electric Light & Power & R. R. Co., Saranac Lake, N. Y. 744
*Pavonia Horse R. R. Co., Newark, N. J. 602
*Pawcatuck Valley Street Ry. Co., Norwich, Conn. 108
*Pawtucket Street Ry. Co., Providence, R. I. 1052
*Peck R. R. Co., Los Angeles, Cal. 48
Peck-Shannahan-Cherry, Inc., Syracuse, N. Y. 752
Peekskill Lighting & R. R. Co., Peekskill, N. Y. 739
Pekin Municipal Railway, Pekin, Ill. 389
*Pembroke Street Ry. Co., Plymouth, Mass. 451
Peninsular Ry. Co., San Jose, Cal. 71
Penna.-New Jersey Ry. Co., Trenton, N. J. 612
Pennsylvania Electric Co., Boro. of Manhattan, New York City. 706
*Pennsylvania & Mahoning Valley Ry. Co., Youngstown, O. 355
Pennsylvania & Maryland Street Ry. Co., Elk Lick, Pa. 923
Pennsylvania-Ohio Electric Co., The, Youngstown, Ohio. 355
*Pennsylvania & Ohio Ry. Co., Ashtabula, O. 784
Pennsylvania & Ohio Traction Co., Ashtabula, Ohio. 783
Pennsylvania Railroad, (Eastern Lines, Paoli and Chestnut Hill Div.) Philadelphia, Pa. 975
Pennsylvania Tunnel & Terminal R.R. Co., Boro. of Manhattan, New York City. 687
*Penn Yan, Keuka Park & Branchport Ry. Co., Penn Yan, N. Y. 734
Penn Yan & Lake Shore Ry., Penn Yan, N. Y. 734
Pensacola Electric Co., Pensacola, Fla. 127
*People's Electric Street Ry. Co. (of Rochester), New Brighton, Pa. 963
People's R. R. Co., Fairhope, Ala. 5
People's Railway Co., Dayton, O. 813
*People's Railway Co., Wilmington, Del. 113
People's Street Ry. Co. of Nanticoke and Newport, Wanamie, Pa. 1033
People's Traction Co., Galesburg, Ill. 210
Peoria Ry. Co., Peoria, Ill. 234
Peoria Railroad Terminal (of the Peoria & Pekin Union Railroad) Peoria, Ill. 235
Petaluma & Santa Rosa R. R. Co., Petaluma, Cal. 53
Peterboro Radial Ry. Co. (The), Peterboro, Ont., Can. 1278
*Petersburg & Appomattox Rv., Petersburg, Va. 1151
*Petersburg-Hopewell & City Point Ry. Co., Petersburg, Va. 1151
*Philadelphia, Castle Rock & West Chester Ry. Co., Upper Darby, Pa. 1037
Philadelphia Company, Pittsburgh, Pa. 995
Philadelphia & Easton Electric Ry. Co., Doylestown, Pa. 916
Philadelphia & Garrettford St. Ry. Co., Upper Darby, Pa. 1026
*Philadelphia & Lehigh Valley Traction Co., Allentown, Pa. 893
Philadelphia Rys. Co., Philadelphia, Pa. 976
Philadelphia Rapid Transit Co., Philadelphia, Pa. 977
Philadelphia & West Chester Traction Co., Upper Darby, Pa. 1037
*Philadelphia & West Chester Turnpike Road Co., Upper Darby, Pa. 1037
Philadelphia & Western Ry. Co., Norristown, Pa. 967a
*Philippine Ry. Co., New York, N.Y. 714
*Phillipsburg Horse Car R. R. Co., Phillipsburg, N. J. 606
Phillipsburg Transit Co., Phillipsburg, N. J. 606
Phoenix Railway Co. of Arizona, Phoenix, Ariz. 18
Phoenixville-Valley Forge & Strafford Electric Ry. Co. (The), Phoenixville, Pa. 984
Picton County Electric Co., Ltd., Stellarton, N. S., Can. 1280
*Piedmont & Mountain View Ry., Oakland, Cal. 52
Piedmont & Northern Ry. Co., Charlotte, N. C. 765
Piedmont Power & Light Co., Burlington, N. C. 764
*Piedmont Ry. & Electric Co., Burlington, N. C. 764

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*Piedmont Traction Co., Charlotte, N. C. 765
Pier Railway Co., Port Arthur, Tex. 1117
Pine Bluff Co. (The), Pine Bluff, Ark. 80
*Piqua Street Ry., Dayton, O. 809
*Pittsburgh & Allegheny Valley Traction Co., Pittsburgh, Pa. 991
Pittsburgh & Beaver St. Ry. Co., Pittsburgh, Pa. 986
*Pittsburgh & Birmingham Traction Co., Pittsburgh, Pa. 990
*Pittsburgh & Butler Ry. Co., Pittsburgh, Pa. 987
*Pittsburgh, Canonsburg & Washington Ry. Co., Pittsburgh, Pa. 990
*Pittsburgh & Charlerol St. Ry., Pittsburgh, Pa. 990
Pittsburgh County Ry. Co., McAlester, Okla. 869
Pittsburgh, Harmony, Butler & New Castle Ry. Co., Pittsburgh, Pa. 988
*Pittsburgh & Kansas City Ry. Co., Pittsburgh, Kans. 841
*Pittsburgh, McKeesport & Connellsville St. Ry. Co., Pittsburgh, Pa 991
*Pittsburgh, McKeesport & Greensburg Ry. Co., Pittsburgh, Pa. 991
Pittsburgh Mars & Butler Ry. Co., Pittsburgh, Pa. 987
Pittsburgh Railways Co., Pittsburgh, Pa. 990
*Pittsburgh Ry. & Light Co., Pittsburgh, Kans. 841
Plattsburgh Traction Co., Plattsburgh, N. Y. 735
*Plymouth & Kingston Street Ry. Co., Plymouth, Mass. 451
Plymouth & Larksville Ry. Co., Wilkes-Barre, Pa. 1033
Plymouth & Sandwich Street Ry. Co., Plymouth, Mass. 459
Plymouth & Shelby Traction Co. (The), Norwalk, O. 839
Point Loma R. R. Co., San Diego, Cal. 57, 58
Point Pleasant Traction Co., Point Pleasant, N. J. 608
Point Shirley Street Ry. Co., Winthrop, Mass. 469
*Poland Street Ry. Co. (The), Youngstown, O. 855
*Ponce Electric Co., Ponce, P. R. 1044
Ponce Ry. & Light Co., Ponce, P. R. 1044
Port Arthur Civic Railway, Port Arthur, Ont., Can. 1279
Port Arthur Traction Co., Port Arthur, Tex. 1118
*Port Carbon & Middleport Electric Ry. Co. (The), Pottsville, Pa. 998
*Port Dalhousie, St. Catharines & Thorold Elec. St. Ry., St. Catharines, Ont., Can. 1280
*Port Huron, St. Clair & Marine City Ry., Detroit, Mich. 479
*Port Jervis Electric Light, Power, Gas & R. R. Co's, Port Jervis, N. Y. 737
Port Jervis Traction Co., Port Jervis, N. Y. 737
*Portland, Eugene & Eastern Ry. Co., San Francisco, Cal. 67
*Portland, Gray & Lewiston R. R., Lewiston, Me. 876
*Portland-Lewiston Interurban R. R., Lewiston, Me. 876
Portland & Oregon City Ry. Co., Portland, Ore. 885
Portland Railway, Light & Power Co., Portland, Ore. 886
*Portland R. R. Co., Portland, Me. 879
Portland-Troutdale Electric Railway Co., Portland, Ore. 887
Porto Rico Railways Co., Ltd., San Juan, P. R. 1045
Porto Rico Ry., Light & Power Co., San Juan, P. R. 1046
Portsmouth, Dover & York Street Ry., Dover, N. H. 584a
Portsmouth Electric Ry. (Portsmouth Elec. Branch of Boston & Maine R. R.) Portsmouth, N. H. 584
Portsmouth Street R. R. & Light Co. (The), Portsmouth, O. 835
*Potomac Electric Power Co., Washington, D. C. 119
Pottstown & Phoenixville Ry. Co., Pottstown, Pa. 997
*Pottstown Passenger Ry. Co., Pottstown, Pa. 997
*Pottstown & Reading Street Ry. Co., Pottstown, Pa. 997
*Pottsville & Reading Ry. Co., Pottsville, Pa. 998
*Pottsville & St. Clair Elec. Ry., Pottsville, Pa. 998
*Pottsville Union Traction Co., Pottsville, Pa. 998
*Poughkeepsie City & Wappingers Falls Electric Ry. Co., Poughkeepsie, N. Y. 738
Poughkeepsie & Wappingers Falls Ry. Co., Poughkeepsie, N. Y. 738
Princeton Power Co., Princeton, W. Va. 1199
*Princeton Street Ry. Co., Trenton, N. J. 613
*Providence & Burrillville Street Ry. Co., Providence, R. I. 1052
Providence & Danielson Ry., Providence, R. I. 1050
Providence, Warren & Bristol R. R., Providence, R. I. 1051
*Public Service Co. (The), St. Cloud, Minn. 511
Public Service Corporation of New Jersey, Newark, N. J. 603
Public Service Investment Co., Boston, Mass. 408
Public Service R. R. Co., Trenton, N. J. 614
Public Service Ry. Co., Newark, N. J. 602
Public Utilities Co., Evansville, Ind. 265
Puebla Tramway Lt. & Pwr. Co., Puebla, Puebla, Mexico. 1330
Puget Sound Electric Ry., Tacoma, Wash. 1178
Puget Sound International Ry. & Power Co., Everett, Wash. 1166
Puget Sound Pwr. & Lt. Co., Seattle, Wash. 1172
*Puget Sound Traction, Light & Power Co. (Bellingham Div.), Bellingham, Wash. 1164
Puget Sound Traction, Light & Power Co., Seattle, Wash. 1172
Putnam & Westchester Traction Co., Peekskill, N. Y. 738

Quebec Railway, Light, Heat & Power Co., (The), Quebec, Que., Can. 1303
Quebec Railway, Light & Power Co., Quebec, Que., Can. 1302
*Quebec Street Ry. Co., Quebec, Que., Can. 1302
*Queenstown Heights Bridge Co., Buffalo, N. Y. 634
Quincy Ry. Co., Quincy, Ill. 238

*Radford Street Ry. Co., Radford, Va. 1153
Radford Water Power Co., Radford, Va. 1153
*Railroads & Power Development Co., Jersey City, N. J. 596a
Railway & Light Securities Co., Boston, Mass. 409
*Rapid Railway Co., Cincinnati, O. 793

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

*San Antonio Traction Co., San Antonio, Tex. 1121
*San Bernardino Inter-Urban Ry. Co., Los Angeles, Cal. 48
*San Bernardino Valley Traction Co., (The), Los Angeles, Cal. 48
San Diego & Arizona Ry. Co., San Diego, Cal. 59
San Diego Electric Ry. Co., San Diego, Cal. 58
*San Diego & South Eastern Ry. Co., San Diego, Cal. 59
Sand Springs Railway Co., Tulsa, Okla. 878
Sandusky, Fremont & Southern Ry. Co. (The), Sandusky, O. 837
Sandusky, Norwalk & Mansfield Electric Ry. Co., (The), Norwalk, O. 833
*Sandwich, Windsor & Amherstburg Ry., Windsor, Ont., Can. 1293
*Sandy Spring Ry. Co., Kensington, Md. 396
*Sanford & Cape Porpoise Ry., Sanford, Me. 384
San Francisco & Sacramento Railroad, Oakland, Cal. 51
*San Francisco Electric Rys., San Francisco, Cal. 68
San Francisco, Napa & Calistoga Ry., Napa, Cal. 50
*San Francisco, Oakland & San Jose Consolidated Ry., Oakland, Cal. 52
*San Francisco, Oakland & San Jose Ry., Oakland, Cal. 52
San Francisco-Oakland Terminal Railways, Oakland, Cal. 52
San Jose Railroads, San Jose, Cal. 72
*Santa Barbara Consolidated R. R. Co. (The), Santa Barbara, Cal. 74
Santa Barbara & Suburban Ry. Co., Santa Barbara, Cal. 74
*Santa Cruz, Capitola & Watsonville Ry. Co., Santa Cruz, Cal. 75
*Santa Cruz Electric Ry. Co., Santa Cruz, Cal. 75
Sapulpa Elec. Interurban Ry., Sapulpa, Okla. 875
*Sapulpa & Interurban Ry. Co., Sapulpa, Okla. 875
*Saratoga Northern Ry., Glens Falls, N. Y. 646
*Saratoga Traction Co., Glens Falls, N. Y. 646
Sarnia Street Ry. Co., Ltd., Sarnia, Ont., Can. 1282
Saskatoon Municipal Ry., Saskatoon, Saskatchewan, Can. 1308
Sault Ste. Marie Traction Co., Sault Ste. Marie, Mich. 501
Savannah Electric Co., Savannah, Ga. 147
Schenectady Railway Co., Schenectady, N. Y. 745
Schomberg & Aurora Ry., Toronto, Ont., Can. 1285
*Schuylkill Electric Ry. Co., Pottsville, Pa. 998
*Schuylkill, Haven & Orwigsburg Street Ry. Co., Pottsville, Pa. 998
Schuylkill Railway Co., Girardville, Pa. 928
*Schuylkill Valley Traction Co., Norristown, Pa. 968
Scioto Valley Traction Co., Columbus, O. 805
*Scranton & Binghamton R. R. Co., Scranton, Pa. 1007
Scranton & Binghamton Traction Co. (The), Scranton, Pa. 1008
*Scranton & Carbondale Traction Co., Scranton, Pa. 1009
*Scranton, Dunmore & Moosic Lake R. R., Scranton, Pa. 1009
Scranton, Montrose & Binghampton R. R. Co., Scranton, Pa. 1007
*Scranton & Northeastern R. R., Scranton, Pa. 1006
Scranton Railway Co., Scranton, Pa. 1009
Scranton & Wilkes-Barre Traction Corpn., Scranton, Pa. 1012
*Sea Beach Ry. Co., Brooklyn, N. Y. 667
*Seacoast Traction Co., Asbury Park, N. J. 585
*Seabrook & Hampton Beach Street Rv. Co., Haverhill, Mass. 427
*Seashore Electric Ry., Asbury Park, N. J. 585
*Sea Shore Municipal R. R. Co., Freeport, N. Y. 694
Sea View R. R. Co., Wakefield, R. I. 1058a
Seattle Municipal Street Rv., Seattle, Wash. 1178
Seattle & Rainier Valley Ry., Seattle, Wash. 1174
*Seattle, Renton & Southern Ry. Co., Seattle, Wash. 1174
*Seattle-Tacoma Pwr. Co., Seattle, Wash. 1172
Second Ave. R. R. Co., Boro. of Manhattan, New York City. 688
Selma Electric Railway Co., Selma, Ala. 13
*Selma Traction Co., Selma, Ala. 13
Shamokin & Edgewood Electric Ry. Co., Shamokin, Pa. 1014
*Shamokin & Mt. Carmel Electric Ry. Co., Mt. Carmel, Pa. 962
Shamokin & Mt. Carmel Transit Co., Mt. Carmel, Pa. 962
Sharon & New Castle Ry. Co., (Ohio), The, New Castle, Pa. 965
Sharon & New Castle Street Ry. Co., (Pa.) New Castle, 965
Shawnee-Tecumseh Traction Co., Shawnee, Okla. 876
Shawinigan Falls Terminal Ry., Montreal, Que., Can. 1301
*Sheboygan Electric Co., Sheboygan, Wis. 1229
Sheffield Co., (The), Sheffield, Ala. 14
Shelburne Falls & Colerain Street Ry. Co., Shelburne Falls, Mass. 456
Shenandoah Traction Co., Staunton, Va. 1159
Sherbrooke Railway & Power Co., Sherbrooke, Que., Can. 1304
Sheridan Rv. Co., Sheridan, Wyo. 1234
*Sheridan Ry. & Light Co., Sheridan, Wyo. 1234
*Shinglehouse R. R., Olean, N. Y. 727
Shore Line Electric R. R. Co., White Plains, N. Y. 758
Shore Line Electric Ry. Co. (The), Norwich, Conn. 108
Shreveport Railways Co., Shreveport, La. 870
*Shreveport Traction Co., Shreveport, La. 870
Sioux City Service Co., Sioux City, Ia. 895
Sioux Falls Traction System, Sioux Falls, So. Dak. 1063
Sistersville & New Martinsville Traction Co., Sistersville, W. Va. 1201
Slate Belt Electric Street Ry. Co., Pen Argyl, Pa. 971
*Sociedad Anonima Tranvia de Mayaguez, Mayaguez, P. R. 1043
*Somers & Enfield Electric Rv. Co., Warehouse Point, Conn. 109
Somerset Traction Co., Skowhegan, Me. 885
*South Bend, La Porte & Michigan City Ry. Co., South Bend, Ind. 291
*South Bend & Southern Michigan Ry. Co., South Bend, Ind. 292
*South Bethlehem & Hellertown Street Ry. Co., Allentown, Pa. 893
South Bethlehem & Saucon Street Rv. Co., South Bethlehem, Pa. 1016
*South Brooklyn Ry. Co., Boro. of Brooklyn, New York City. 667

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*Wisconsin Elec. Ry. Co., Sheboygan, Wis. 1229
Wisconsin Gas & Electric Co., Kenosha, Wis. 1220
Wisconsin-Minnesota Light & Power Co., Eau Claire, Wis. 1214
Wisconsin Public Service Co., Green Bay, Wis. 1218
Wisconsin Ry., Light & Power Co., Winona, Minn. ..... 516-(1222)
Wisconsin Securities Co., Milwaukee, Wis. 1227a
Wisconsin Traction, Light, Heat & Power Co., Appleton, Wis. 1210
Wisconsin Valley Elec. Co., Wausau, Wis. ..... 1223-(1226)
*Wissahickon Elec. Pass. Ry. Co., Norristown, Pa. 906
Woodlawn & Southern Street Ry., Pittsburg, Pa. 904
Woodstock, Thames Valley & Ingersoll Electric Ry. Co., Woodstock, Ont., Can. .. 1204
*Woonsocket Street Ry. Co., Providence, R. I. 1052
Worcester Consolidated Street Ry. Co., Worcester, Mass. ..... 471-(433, 440)
*Worcester & Shrewsbury R. R., Worcester, Mass. 471
*Worcester & Shrewsbury Street Ry., Worcester, Mass. 471
Worcester & Webster Street Ry. Co., Webster, Mass. 465

Yakima Valley Transportation Co., North Yakima, Wash. 1181a
Yarmouth Light & Power Co., Ltd., Yarmouth, N. S., Can. 1252
*Yarmouth Street Ry. Co., Ltd., Yarmouth, N. S., Can. 1252
Yonkers Railroad Co., Yonkers, N. Y. 761
York Rys. Co., York, Pa. 1041
Youngstown Municipal Ry., Youngstown, Ohio 856
*Youngstown & Niles Ry., Youngstown, O. 855
Youngstown & Ohio River R. R. Co. (The), Leetonia, O. 882
*Youngstown Park & Falls St. Ry. Co. (The), Youngstown, O. 855
*Youngstown & Sharon Street Ry. Co. (The), Youngstown, O. 855
*Youngstown & Southern Ry. Co., Youngstown, O. 860
Youngstown & Suburban Ry. Co., Youngstown, O. 860
*Yumuri, Matanzas & Ballamar Ry., Matanzas, Cuba. 1232

*Zanesville Ry., Light & Power Co., Springfield, O. 889

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